

63.01
Canada
1900

63.01

LIBRARY,
U.S. Department of Agriculture,
Washington, D. C.

1900

FLORAL
COLLECTION

PANSY
GIANT MIXTURE

15¢ Per Pkt
or 2 Pkts for 25¢

PETUNIA
RUFFLED GIANTS MIXTURE

Per Pkt. 25¢

PETUNIA
GIANTS OF CALIFORNIA MIXED

or 1 Pkt of PANSY
AND THE

2 Pkts. PETUNIAS
for 45¢ POST PAID

SIMMERS' ANNUAL
SEED
CATALOGUE

TORONTO.

PLEASE INTRODUCE OUR CATALOGUE AMONG YOUR FRIENDS. Having gone to great expense in issuing this illustrated and descriptive catalogue, and considering that we **MAIL IT FREE OF CHARGE**, we trust our Friends and Customers will see that it is placed where it may be serviceable and remunerative to us, kindly recommending our firm, for which we shall feel extremely thankful. Those who receive our Catalogue from year to year, and who have no use for it, would confer a great favor by advising us of same, and by giving us if possible, the name of some one to whom it would be of benefit.

J. A. SIMMERS, TORONTO, CANADA.

- - INDEX - -

Vegetable and Field Seeds		Flower Seeds		Convolvulus..... 50-56		Lychnis..... 55		Vinca..... 63		Swainsonia..... 73	
Collections, colored pages		Collections..... 39-42-64		Corn Flower..... 50		Malva..... 55		Viola..... 63		Tigridia..... 70	
Artichokes..... 8		Aobora..... 43		Correopsis..... 47		Malope..... 55		Virginia Stock..... 63		Tritoma..... 77	
Asparagus..... 8		Abronia..... 43		Cosmos..... 51		Marguerite..... 55		Virgin's Bower..... 49		Tuberose..... 70	
Barley..... 34		Abutilon..... 43		Cucumis..... 51		Martynia..... 55		Viscaria..... 63		Vegetable Plants..... 30	
Beans..... 8-9-34		Acacia..... 43		Cuphea..... 51		Marvel of Peru..... 55		Waitzia..... 63		Violet..... 77	
Beets, Table..... 31		Acanthus..... 43		Cyclamen..... 51		Matiolia..... 55		Wallflower..... 63		Virginia Creeper..... 73	
Beets, Sugar..... 31		Achillea..... 43		Cyclanthera..... 51		Matricaria..... 55		Whitlavia..... 63		Water Lilies..... 70	
Borecole..... 10		Achimenes..... 43		Cyperus..... 51		Maurandia..... 55		Wigandia..... 64		Zamia Integrifolia..... 70	
Brocoli..... 9		Aconitum..... 43		Cypress Vine..... 51		Melilotus..... 55		Wild Garden Mixture..... 64		Zephyranthes..... 70	
Brussels Sprouts..... 10		Adonis..... 43		Dahlia..... 51		Melothria Punctata..... 55		Xeranthemum..... 64			
Buckwheat..... 34		Adlumia..... 43		Daisy..... 51		Mesembryanthemum..... 54		Zea..... 64			
Cabbage..... 11		Adonis..... 43		Datura..... 51		Mignonette..... 56		Zinnia..... 64			
Cardoon..... 12		Agathaea..... 43		Delphinium..... 52		Mimulus..... 56					
Carrots..... 12-31		Ageratum..... 43		Dianthus..... 52		Mina Lobata..... 56					
Cauliflower..... 13		Agrostemma..... 43		Dictamnus..... 51		Mixtures..... 64					
Celery..... 14		Alleghany Vine..... 43		Didiscus..... 51		Monkey Flower..... 56					
Chervil..... 13		Alonsoa..... 45		Dich. tra..... 51		Moon Flower..... 56					
Chicory..... 13-32		Aloysia..... 45		Digitalis..... 51		Morning Glory..... 50-56					
Chives..... 12		Alyssum..... 45		Dolichos..... 51		Mordica..... 56					
Citron..... 18		Amaranthus..... 45		Dracena..... 51		Mourning Bride..... 61					
Clover..... 35		Ammobium..... 43		Drosera..... 51		Musk Plant..... 56					
Collards..... 15		Anapellips..... 45		Dusty Miller..... 50		Musa..... 56					
Corn, Sugar and Pop..... 34-35		Anagallis..... 45		Dutchman's Pipe..... 46		Myosotis..... 53					
Corn, Knsilage..... 29		Aecholonia..... 46		Eckemomcarpus..... 50		Nasturtium..... 57					
Corn, Broom..... 12		Aegelon..... 46		Echeveria..... 52		Nemophila..... 57					
Corn Salad..... 12		Aetirrhinum..... 46		Eichrysum..... 53		Nicotiana..... 56					
Cress..... 12		Aquilegia..... 46		Erysimum..... 53		Nierembergia..... 57					
Cucumber..... 16		Arabian Primrose..... 46		Erythra..... 53		Nolana..... 57					
Egg Plant..... 15		Arabis..... 46		Eschscholtzia..... 53		Oenothera..... 57					
Endive..... 13		Argemone..... 46		Euphorbia..... 53		Ornamental Grasses..... 53					
Flax..... 34		Aristolochia..... 46		Evening Primrose..... 57		Oxalis..... 57					
Garden Lemon..... 18		Artemisia..... 46		Everlastings..... 53		Peonia..... 57					
Garlic..... 16		Asparagus..... 46		Ferns..... 53		Palma Christa..... 48					
Gourds..... 37-38		Asperula..... 46		Feverfew..... 55		Pansies..... 58					
Herbs..... 29		Aster..... 44-45		Flos Andonis..... 43		Passion Flower..... 57					
Horse Radish..... 16		Auricula..... 46		Forget-Me-Not..... 53		Pentstemon..... 57					
Kale..... 10		Australian Glory Pea..... 50		Foxglove..... 51		Petilla..... 57					
Kohl Rabi..... 17		Balloon Vine..... 46		Four O'Clock..... 55		Petunia..... 59					
Lathyrus Sylvestris..... 34		Balsam..... 46		Fragaria..... 53		Phlox..... 59					
Leek..... 17		Bartonia..... 46		Freesia..... 53		Picotee Pinks..... 57					
Lettuce..... 17		Beet..... 32		Fuchsia..... 53		Pinks..... 52					
Mangels..... 32				Gaillardia..... 53		Platycodon..... 57					
				Gentiana..... 53		Podolopsis..... 57					
				Gamolepis..... 53		Polemonium..... 57					

Nos. 147, 149 and 151 King St. East, TORONTO, CAN.

While we exercise the greatest care to have all Seeds, Plants and Bulbs pure and reliable, we do not give any warranty, expressed or implied.—If the Purchaser does not accept the Goods on these conditions they must be returned at once, and the money that has been paid will be refunded.—J. A. S.

		ENCLOSED IS		RESERVED SPACE.
Name of Person.....write very plainly.....		Cash, . . . \$.....	Please do not Write Here.	
" " Post Office.....		Draft, . . . \$.....	Date Rec'd.....	
" " Express Office.....		Post Office Order, \$.....	Amt. Rec'd.....	
" " County.....		Total, . . \$.....	No. of Pkgs.....	
" " Province.....		Date.....1900.	Forw'd by.....	

SEEDS... BY MAIL

WE SEND FREE BY MAIL ALL SEEDS EXCEPT POUNDS OF Beans,
Corn and Peas, Field Carrots, Sugar
Beet, Field Turnips, Mangels, Clovers, Grasses and Bird Seeds. Any
orders for such, please add Postage at the rate of FOUR CENTS PER
POUND to Post Offices in CANADA; FIFTEEN CENTS PER POUND,
or fraction thereof, to NEWFOUNDLAND, and ONE CENT PER
OUNCE to UNITED STATES.
WE GUARANTEE SAFE ARRIVAL OF ALL PACKAGES FORWARDED BY MAIL.

Mark **X** Opposite
Your Occupation.

Amateur.....

Gardener.....

Farmer.....

Florist.....

RESERVED SPACE.
Please do not Write Here.

Date Rec'd.....

Amt. Rec'd.....

No. of Pkgs.....

Forw'd by.....

Date Sent.....

Cost of Carriage.....

Put up by

Ack. by..... Adv. by.....

[illegible]Seeds Selected from Catalogue for.....
(Give Year).

Amount Carried Over.

Extra Order Sheets and Return Envelopes Sent on Application.

BE SURE TO SIGN YOUR NAME.

Customers having their goods sent by freight to a FLAG STATION must allow for PREPAY FREIGHT, otherwise they will be sent to NEAREST STATION.

[illegible]

THE MOST BEAUTIFUL LAWNS IN CANADA

ARE MADE WITH

Simmers' "Toronto Parks"

. , Lawn Grass Seed . .

WHICH we sell in large or small quantities to suit the pretentious lawn or the modest door-yard plot. With it you can renovate old or make new **Lawns and Grass Plots** as soft as velvet and as green as emerald all summer long.

TORONTO PARKS MIXTURE, Finest Quality (with or without White, Clover)—Per lb 25c, post-paid 30c, 5 lbs \$1.15, 10 lbs \$2.20, 25 lbs \$5.25, 50 lbs \$10.00, 100 lbs \$20.00.

White Dutch Clover, for Mixing with Lawn Grass Seed—Per lb 30c.

"SHADY NOOK" MIXTURE—For sowing under trees and in shady places. It will not only grow in such places, but forms a fine sward where few other grasses can exist. Sow 40 lbs per acre. Per lb 35c, postpaid 40c.

BLUE GRASS, Extra Clean—Per lb 15c, 10 lbs \$1.40.

RED TOP, Extra Clean—Per lb. 15c, 5 lbs 70c, 10 lbs \$1.40.

SIMMERS' LAWN ENRICHER, for old and new lawns—For full description see page 90. 5 lbs 50c. 10 lbs. 75c, 25 lbs \$1.50, 50 lbs \$2.75, 100 lbs \$5.00. Prices for larger quantities on application.

REMARKS

N.B.—Before closing, kindly give the names of some Farmers, Market Gardeners or Amateurs in your neighborhood who will be likely to want a supply of Seeds, etc.—J. A. S.

Try Our Specialties on Front and Back Covers of this Catalogue.

Special Premiums for 1900

.. TO CASH BUYERS ..

(1)

PURCHASERS MAY SELECT PREMIUMS

ON ORDERS FROM THIS CATALOGUE, AS FOLLOWS:

1---25c. Worth of Seeds EXTRA

Customers Sending \$2.00 May Select \$2.60

" " 3.00 " " 4.00

" " 4.00 " " 5.25

will be allowed on each order amounting to **ONE DOLLAR** for Seeds in **PACKETS** only. Thus anyone sending \$1.00 can select any Seeds in **PACKETS** to the value of \$1.25.

Worth of Vegetable and Flower Seeds

(IN PACKETS ONLY)

These discounts apply **ONLY** to orders of **ONE DOLLAR**, or more, for Seeds in **PACKETS**. We fill an order for twenty-five cents as carefully as one of twenty-five dollars. **BUT** we cannot afford to allow these liberal discounts **UNLESS** the seeds in **packets** amount to one dollar or more. It should be understood plainly that these discounts do **not** apply to seeds by the ounce, quarter-pound, pound, pint or quart, nor to **BULBS** or **PLANTS** upon which the prices are **net**. Please do not ask us to include any of these in this rate of discounts, or to send such as "premiums." We fill all orders liberally, but there is a point beyond which we cannot afford to go.

2—"American Gardening"

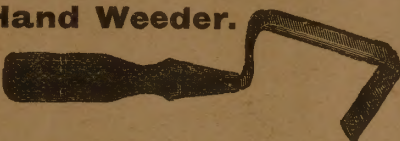
(A Weekly Magazine) given away with all orders of \$6.00 or over.
(Price \$1.50 per year).

3—Or an English Garden Trowel.

With every **Two Dollar Order** of Seeds we will give one strong English Garden Trowel, the most useful tool the amateur gardener can have.

4—Or A Hazeltine Hand Weeder.

With every **Two Dollar Order** of Seeds will be given one Hazeltine Hand Weeder, made of the best solid steel, good size and durable.



5—Or Simmers' Vegetable and Flower Garden

When asked for free with every order for Vegetable or Flower Seeds amounting to \$1.00 or more.

6—Or "DAIRYING FOR PROFIT."

Price 25 cts. Given Free with Every Order for Carrot, Mangel and Turnip of \$1.00 and upwards.

7—Or "How to Grow Mushrooms." Price 10c.

Free with every order for two bricks of Mushroom Spawn.

8—Or Our Book, "Flower Bulbs and their Culture"

Contains full information how to be successful in the Flowering of Bulbs. Price 25 cts. Or with orders from 50 cts. to \$1.00, selected from this Catalogue, we will send it for 15 cts. Given free with all orders for bulbs amounting to \$1.00 and over.

When any of these premiums are wanted it must be stated on the order. This should be an inducement for you to try and get your neighbors to club with you. **NOTE**—The above premiums apply to Cash Orders only, and at Retail Catalogue Prices.

WE PAY THE POSTAGE To any Post Office in the Dominion ON ALL VEGETABLE SEEDS

By the packet, ounce and quarter-pound at Catalogue Prices. Also **FLOWER SEEDS, BULBS, ROSES, VINES** and **PLANTS**, except where noted. Add 4c. pint on **BEANS, CORN, PEAS** and **Field Seeds**, if wanted by mail, **VEGETABLE SEEDS** by the peck or bushel. **FARM SEEDS, TOOLS, Etc.**, are **F. O B. Toronto**, purchaser to pay transportation charges.

Our Patrons

Will Please Bear in Mind that

WE FILL ORDERS

OF ALL VALUES

Frequently we learn from our friends that they forgot to include a packet of this or that in ordering, and they hesitated about sending for the omissions alone "because it made such a small order," but you need not hesitate; do not let the smallness of your order prevent you from sending to us, for we have a large **MAILING DEPARTMENT** especially for small orders, where we fill hundreds of them every day.

GOOD ADVICE

In Time of Winter

Prepare for Spring

Order early and have **YOUR SEEDS** on hand when it is **TIME TO SOW**

SIMMERS' SEEDS ARE THE

LOWEST-PRICED GOOD SEEDS

COMMON SENSE ABOUT SEEDS

ANY seeds are seeds. True! So any tea is tea; so any flour is flour. But grades differ. It is so with seed. There are grades. **YOU WANT THE BEST.** If you understood seeds as well as you do tea and flour, it would be easy to determine. But you don't. How should you when all look alike?

When you are going to buy a commodity whose value you don't know, you pick out an old-established house to trade with, and trust their experience and reputation. Do so when buying seeds. You can buy seeds at almost any price you choose to pay. But a few cents' reduction in the price may mean a reduction of many dollars in the value of the crop. Can you afford to take such chances?

For nearly fifty years we have sought the trade of those who appreciate the **BEST SEEDS at Fair Prices**; and that we have been successful in furnishing such is evidenced by the fact that our business is to-day the **largest of any house in Canada** direct with critical market gardeners and experienced growers who plant for profit and whose wise motto always is

"Not How Cheap, But How Good."

(1)

J.A. SIMMERS

Seed Merchants
& Growers

147, 149 & 151,
King St. E.

TORONTO
ONT.



Our Peoples Collection

FOR 1900

16 Full Sized Packets

For 50c. postpaid, Regular Price 85c.

Corn, Simmers' First of All, 5c. per pkt.
Cabbage, Simmers' Early German Brunswick, 5c. per pkt.
Carrot, Simmers' Scarlet Chantenay, 5c. per pkt.
Melon, Simmers' Dominion Musk, 10c. per pkt.
Tomato, Simmers' Imperial, 5c. per pkt.
Onion, Simmers' Large Yellow Globe Danvers, 5c. per pkt.
Onion, Simmers' Early White Queen, 5c. per pkt.
Cucumber, Simmers' Improved Long Green, 5c. per pkt.
Beet, Simmers' Extra Early, 5c. per pkt.
Radish, Scarlet Olive Shaped, White Tipped, 5c. per pkt.
Parsnip, Simmers' Hollow Crowned, 5c. per pkt.
Squash, Simmers' Crookneck, 5c. per pkt.
Peas, Simmers' First of All, 5c. per pkt.
Beans, Simmers' Early Giant,
Wax or Butter, 5c. per pkt.
Lettuce, Simmers' Nonpareil
Cabbage, 5c. per pkt.
Beans, Simmers' Canadian
Wonder, Green Podded,
5c. per pkt.



What is a Packet of Seed Those who purchase seeds by weight or measure can see readily whether the full quantity bought has been delivered. Thousands, however, requiring only a small supply of Vegetable or Flower Seeds purchase "packets." **Packet is an elastic term.** The quantity of seeds contained in a "packet" depends entirely upon the liberality of the seedsman. In these times some dealers seek to draw trade by offering seeds seemingly very cheap at odd figures—such as 2c, 3c, and 7c "per packet." Comparison of these so-called "**Cheap seeds**" with the regular packets filled by us have shown that in **quantity** as well as **quality OUR SEEDS** are really cheaper.

... J. A. SIMMERS ...

Novelties and Specialties IN VEGETABLE SEEDS 1900

SIMMERS' PREMIER CABBAGE

As Early as the Wakefield and One-Third More Productive

This Cabbage has been grown by a number of progressive gardeners, and it has given entire satisfaction. It is of the type of the early "Allhead," resembling it in habit of growth, but is smaller and **as early as the Wakefield.** The heads have few outside leaves and these are small and grow so close to the head that they can be planted very close together. It is very uniform, round in shape, slightly flattened, very solid even before the Cabbages attain their mature size. The flavor is excellent. On account of its shape, productiveness and solidity it will prove a serious rival to the Wakefield, hitherto the most profitable and best early Cabbage. Gardeners cannot afford to be without this as it will be a good "seller," round Cabbages receiving always the preference if offered in competition with pointed heads, while its compact form and good quality will commend it for the private garden.

Price per pkt 10c, oz 40c, $\frac{1}{4}$ lb \$1.25.

ROSE RIBBED PARIS GOLDEN, OR GOLDEN ROSE SELF-BLANCHING CELERY

Golden Rose is a development of the favorite Golden Self-blanching, and shows its parentage in its strong habit of growth, while its self-blanching character is strongly fixed. The plant is dwarf and heavy, the stalks are very broad and solid, and are also entirely free from those objectionable ridges which generally accompany stringiness; indeed there is so little string that the stalks are positively brittle. The general color is about identical with Golden Self-blanching, except that the naturally golden-colored stalks are suffused with a warm, rosy hue, which gradually fades towards the top of the stalks, where it assumes a bright goldencolor when properly blanched and fit for the table.

Price 10c pkt, 1 oz 40c, $\frac{1}{4}$ lb \$1.25.



Livingston's Magnus Tomato

FORDHOOK FANCY TOMATO

This new variety is the most distinct in growth and foliage of all the "bush" varieties. The habit is so dwarf and compact that twice the ordinary number of plants may be grown on a given area, and the fruits are much more easily gathered. Next to the compact bushy form, the remarkably heavy foliage is the most distinctive feature. The leaves are single, very broad and of thick substance; dark green, heavily blistered or crimped as in a fine Savoy Cabbage, entirely distinct from the somewhat fern-like leaf of the ordinary tomato. The fruits are of medium size, very smooth and regular both in size and form, solid and free from cracks, quite fleshy, with few seeds, and of sweet flavor. When ripened under the warm sun they are a rich purplish-red. They are borne in clusters close to the stalks, and are produced generally at every second leaf, instead of at every third. The ripe fruits are very solid and keep in excellent condition for a considerable length of time; when sliced, they present a solid meaty centre with small seed-cells.

Per pkt 10c, 3 for 25c, per oz 50.



Simmers' Premier Cabbage.

LIVINGSTON'S "MAGNUS" TOMATO

This very distinct and most promising new variety, of the color of Beauty and Acme, is the latest addition to the Tomato family. It is thicker, heavier and more solid than either of the above, making it easily the most handsome sort in cultivation. It is unsurpassed in quality, and in the production of fine, large fruits. While perfectly adapted to main crop planting, yet it matures so quickly that it will take first rank for early market. The form is perfect, uniform, large and attractive. Flesh is very firm. It is a robust grower, with short joints, setting its fruit clusters closer together than most varieties, and is therefore a heavy cropper. The fruits are very deep from stem to blossom end, many of them being almost globe shaped. It ripens evenly, does not crack about the stem, and the flavor is most desirable. It has been tested for several years for staking up in the open field, as well as for forcing in greenhouses, and we believe it to be entirely unequalled for such purposes.

PRICE—Per pkt 20c, .
3 for 50c, 7 for \$1.00.



Fordhook Fancy Tomato



EXTRA EARLY LONGKEEPING

AUSTRALIAN BROWN ONION

Is of medium size, wonderfully hard and solid, and most attractive for market, both as to form and appearance. The illustration was engraved from a photograph. They are **extremely early** in ripening, and *never make any stiff-necks or scallions*. Every seed seems to produce a good-sized onion, and the bulb begins to form very quickly,—when the plant is not over three inches high. Planted with the *Red Wethersfield*, it proved to be *nearly four weeks earlier* and ripened off more uniformly. It has the reputation of keeping indefinitely, and we think from its firmness and hardness that it **will keep in good condition longer than any other Onion known**. The color of the skin is a clear amber-brown. So widely contrasted from any other Onion is this color that it will be noticed on the market, and when once bought, purchasers will be likely to return and call again for “those beautiful brown onions.”

Pkt 10c, oz 20c, 2 ozs 30c, $\frac{1}{2}$ lb 50c, lb \$1.90.

SIMMERS' IMPERIAL CELERY

This variety is not a sport or hybrid, white or yellow, but a common, green Celery of the old familiar kind. But it has a pedigree, and breeding, and traditions, and a name, which it must preserve.

When fully grown the outer stalks average two inches wide and are nearly as thick as a man's finger. The immense stalks can be sliced lengthwise, and are always very crisp and brittle, snapping like glass.

After growing to a great size it lends itself readily to the blanching process, assuming a rich, yellow tinge in the heart, and presenting a very attractive appearance.

As to its more important qualities, we may mention that a large celery grower who had some of it for trial last year, pronounced it the very best for market purposes of all the sorts he grew. With ourselves it proved to be the largest, hardest, solidest, crispest, best keeper and best shipping winter Celery we know of.

Per pkt 10c, oz 50c.

EMERALD CUCUMBER

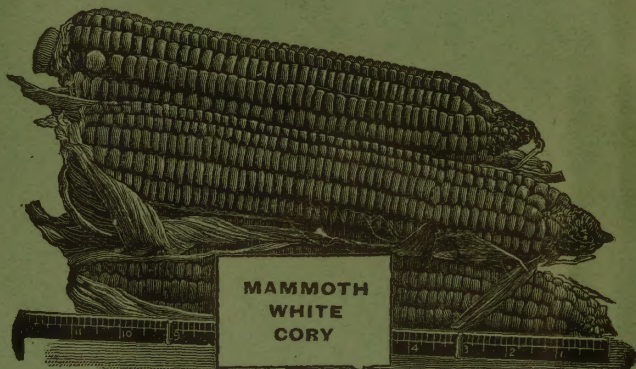
Remains rich dark green until fully ripe.

This is the most valuable Cucumber introduced in many years. Its beautiful dark green color and good keeping qualities are sure to make it a favorite with the market gardener, as well as for private use. It has all the good qualities of the *White Spine*, with the additional advantage of having a rich dark green color during the entire period of its growth, making it an evergreen cucumber. The vines are exceedingly productive, fruits set early and are very handsome, long and straight, entirely free from spines. In quality, fine, being very solid, crisp, tender and of pleasing flavor. On account of their straight and slender growth and dark green color the young fruits make excellent pickles, and the ripe fruits make better “sweet pickles” than any other variety. Those who grow cucumbers under glass will appreciate the “*Emerald*,” as it is a splendid forcing variety, and the fruits are so firm that they readily stand shipping long distances. Its beautiful color and form make it at once a formidable rival of the English frame varieties.

Pkt 10c, oz 20c.

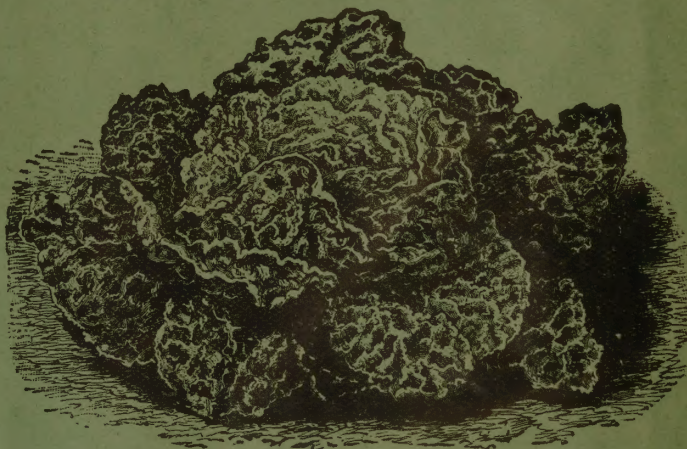
CORN MAMMOTH WHITE-COB CORY

This new strain is fully as early as the original *Cory*, while the ears are of larger size, with the grains placed more compactly. The cobs being *white*, the grains are entirely free from the dark tinge noticeable in the original strain when the ears are allowed to remain too long on the stalk. The ears of the “*MAMMOTH WHITE CORY*” retain the *nearly whiteness* of the grains when cooked. Per pkt 5c, pint 20c, quart 35c.



CORN “NEW EARLY EVERGREEN”

This distinct new strain possesses the distinct characteristics which have made *Stowell's Evergreen* so deservedly the favorite for main crop, but produces ears fit to use *from one week to ten days earlier*. The stalks are not so tall and rather more slender in growth, each bearing one or two good, large ears. While about one-third smaller, the ears are of typical *Stowell's* type and of the same fine quality; they measure seven inches in length, rather thick, with twelve or more rows of handsome large grains. It is valuable for truckers, canners, and private gardeners who want a continuous supply of good sweet corn, as it fills the period between *Crosby's Early* and the regular *Stowell's Evergreen*. Pkt 5c, pint 20c, quart 35c.



GOLDEN QUEEN

THE BEST
FIRST EARLY HEAD LETTUCE

A very desirable early variety, of a most pleasing golden yellow color, and second to none for forcing. It is one of the most deceptive varieties we have ever seen, as at first glance it seems to be of medium size, but it forms all solid heads, with little or no waste, so that there is really more to it than in many Lettuces double the size. It is very crisp, tender and juicy. We cannot recommend it too highly. (See cut.) 10c pkt, 25c oz, 75c $\frac{1}{2}$ lb.





Paul Rose Muskmelon

GOLDEN HUBBARD SQUASH

In shape same as the old-fashioned Hubbard but the skin is rich orange color. It is extremely attractive, matures earlier than the green-shell Hubbard and is more productive. The color of flesh is deep golden-yellow, cooks dry and is of fine flavor. The keeping qualities are fully equal to the old variety and it is sure to become popular as a fall and winter variety.

Pkt 10c; oz 25c.



Golden Hubbard Squash



"Triumph" Radish

Radish "Triumph"

This novelty is both unique and useful. It is very early, being a "Twenty Day" Radish, of globular form and its tops are very short, which makes it valuable for cultivation under glass. The flesh is very crisp and solid and of mild flavor. Its most distinctive feature, however, is the unique color of the skin. The ground color is pure white, striped horizontally with bright scarlet. It is a most attractive ornament for the table and market gardeners will find ready sale for it. Some of the roots may come in solid color, the strain not being quite "fixed" yet. Pkts 10c, 3 pkts 25c.

The "Paul Rose" Muskmelon

This variety originated in the West. A decided improvement in the salmon flesh varieties. It is a cross of the Osage with the Netted Gem, and combines the sweetness of the former with the fine gray netting of the Gem, making it a very handsome melon. It has a very firm rind, and, as shown in illustration, a structure of flesh peculiarly its own. The melons grow uniform in shape and size, the average diameter being about 5 inches; flesh very thick, firm and beautiful; deep salmon or orange color, deliciously sweet and melting; the seed cavity is smallest of any variety. For shipping long distances the Paul Rose has no superior; they not only carry safely, but in such good condition that they readily bring much higher prices than other varieties. Its size and general appearance make it a splendid basket melon which will soon become a favorite with the market gardener, also for the private garden. Our seed is strictly pure, grown from the originator's stock. Pkt 10c, 3 for 25c; oz 40c; 2 oz 70c.

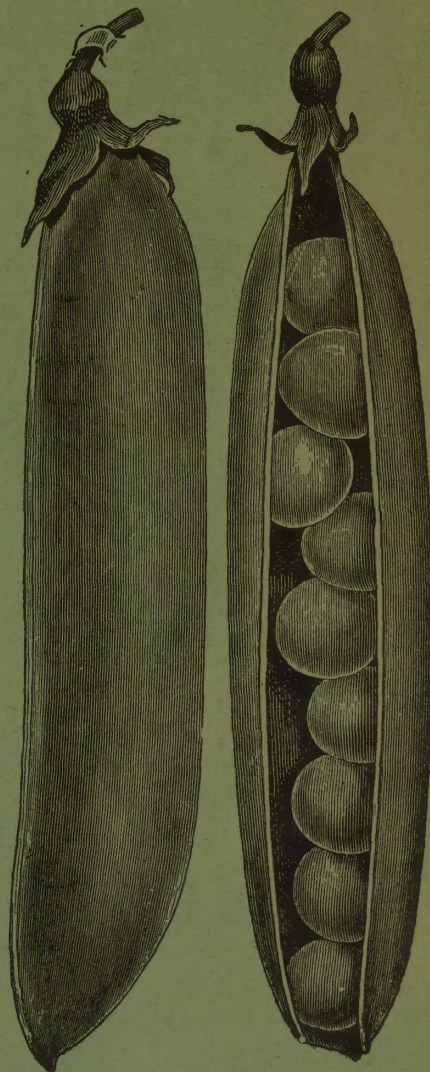
The Gradus Pea

An extra early wrinkled Pea, bearing immense pods.

This new extra early, dwarf growing pea is a great advancement. It combines the finest quality, with extreme earliness and is also very productive. The smooth varieties of Extra Early Peas have heretofore filled their place in a way, as they could be planted very early, while the wrinkled sorts could not be planted until milder weather, but there has been the need of an "extra early" which would also have that sweetness and fine flavor of the wrinkled varieties. "Gradus" therefore fills the want, and is the first extra early wrinkled pea. It is very hardy, and can be planted fully as early as the smooth peas; grows vigorous and healthy; vines 2½ feet in height and is very prolific, bearing pods fully as large as Telephone, usually containing from 8 to 10 large peas. The color of the shelled peas is a beautiful light-green, which color they retain after being cooked; the quality and flavor is delicious, and the peas remain tender and sweet for a long time.

The "Gradus" is bound to become a favorite with both market gardener and amateur wherever grown.

Pkt 10c, postpaid; pint 30c; quart 50c.



Gradus Pea

Simmers' Extra Selected Early DWARF ERFURT CAULIFLOWER

Beyond Question the BEST for either Early or Late, Family or Market Garden, Forcing or Cold Frames.

IT HEADS WHERE OTHERS FAIL.

Those who have never succeeded before should grow

Simmers' Extra Selected EARLY DWARF ERFURT CAULIFLOWER

The earliest and best of all for forcing or in the open ground. It is dwarf with short outer leaves, and can be planted two feet apart each way; always sure to make large heads of the best quality with a beautiful snow-white appearance earlier than any other, and is the market gardener's favorite. This variety must be kept growing constantly, as it will not stand a check at any period of its growth. (For photographic illustration see page 13).

Pkt 25c, ½ oz \$1.50, oz \$3.00, 2 oz \$6.50.

GARDEN SEED COLLECTIONS

— FOR THE —

CITY GARDEN, SUBURBAN GARDEN and COUNTRY GENTLEMAN'S HOME.

A Complete Garden at a Saving of 35 per cent.

—AND BESIDES—

You cannot make any mistake in the selection of varieties by ordering one of these Collections, for the varieties are selected by us with a view to giving

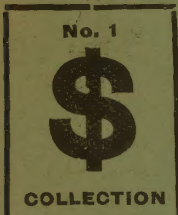
**These Collections
— CONTAIN ONLY —
True and Tried Kinds**

A CONTINUOUS SUPPLY THROUGHOUT THE SEASON OF FRESH VEGETABLES.

By putting these up complete, all ready for mailing, early in the season, before our spring trade begins, we can do so at the lowest possible expense. There then remains nothing to do but to write the address of the customer, stamp and mail the package. This is a great saving of time to us and we give our customers the benefit of it in the **BARGAINS**.

They are Free by Mail on Receipt of Price. Not Subject to any Discount or Premiums.

Considering the extremely low rates, WE CANNOT POSSIBLY PERMIT ANY CHANGES in the varieties.



33 PKTS.

Bean, Simmers' Giant Wax.
Bean, Improved Valentine.
Beet, Edmand's Blood Turnip
Cabbage, Early Jersey Wakefield.
Cabbage, Vandergaw.
Carrot, Scarlet Intermediate
Celery, Golden Self-blanching
Celery, White Plume.
Corn, Sweet, Cory.
Corn, Sweet, Ne Plus Ultra.
Citron.
Cucumber, Chicago Pickle.

Cucumber, White Spine.
Lettuce, Simmers' Nonpareil.
Lettuce, Simpson's Early.
Muskmelon, Green Nutmeg.
Muskmelon, Simmers' Dominion Musk.
Watermelon, Cuban Queen.

Contains 33 packets of the best Vegetable Seeds, sufficient to furnish vegetables throughout the year, and 1 packet of Flower Seeds, which we will send prepaid to any address in the Dominion of Canada for the extremely low price of \$1.00.

Onion, Large Yellow Strasburg.
Onion, Prizetaker.
Parsley, Champion Moss Curled.
Parsnip, Improved Hollow Crowned.
Pepper, Sweet Spanish.
Peas, American Wonder.
Peas, Stratagem.
Pumpkin, Mammoth.
Radish, Olive-shaped Scarlet.
Radish, Scarlet Turnip, White Tipped.
Salsify, Mammoth Sandwich Island.
Squash, Summer, Crook Neck.
Squash, Hubbard.
Turnip, Purple Top, Strap-leaved.
Tomato, Early Ruby.

And Pkt. Wild Garden Flower Seed Mixture.
Also a copy of Simmers' Vegetable and Flower Garden.

50c.

Garden Collection No. 2

16 Packets for 50 Cents.

Beans, Simmers' Giant Wax.
Beet, Edmand's Blood Turnip.
Carrot, Scarlet Intermediate.
Corn, Sweet, Cory.
Cucumber, White Spine.
Cabbage, Vandergaw.
Celery, White Plume.
Lettuce, Simmers' Nonpareil.
Muskmelon, Green Nutmeg.
Watermelon, Cuban Queen.
Onion, Large Yellow Strasburg.
Parsnip, Improved Hollow Crowned.
Parsley, Champion Moss Curled.
Peas, American Wonder.
Radish, Olive Scarlet.
Tomato, Early Ruby.

And Pkt. Wild Garden Flower Seed Mixture.

25c.

GARDEN COLLECTION No. 3

8 Packets for 25 Cents.

Beet, Edmand's Blood Turnip.
Carrot, Scarlet Intermediate.
Cucumber, White Spine.
Lettuce, Simmers' Nonpareil.

Muskmelon, Green Nutmeg.
Watermelon, Cuban Queen.
Onion, Large Yellow Strasburg.
Radish, Scarlet Olive-shaped.

75c.

FARMERS' Vegetable Collection No. 4

Price 75 Cents.

Contains 1 ounce Beet, 1 pound Beans, 1 ounce Carrot, 1 pound Sweet Corn, 1 packet Cucumber, 1 packet Lettuce, 1 packet Watermelon, 1 packet Citron, 1 ounce Onion, 1 packet Parsnip, 1 packet Radish.

GARDEN COLLECTION NO. 5

Suitable for Manitoba and North-West Territories

16 PACKETS FOR 50 CENTS POSTPAID

Beans, Simmers' Giant Wax.
Beet, Half Long Blood.
Carrot, Early English Horn.
Cauliflower, Demidur.
Celery, Simmers' Large Ribbed Dwarf White.

Cabbage, Premium Flat Dutch.
Cabbage, Savory Large German Drumshead.
Endive, French Moss Curled.
Lettuce, Hanson.

Onion, Large Yellow Strasburg.
Parsnips, Guernsey.
Parsley, Triple Curled.
Peas, American Wonder.
Peas, Stratagem.

Radish, Scarlet Olive.
Salsify, Long White.
And 1 Pkt Wild Garden Flower Seed Mixture.

THE "CITY AND SUBURBAN GARDEN" COLLECTION

Price \$1.00, Free by Mail. Contains 20 Distinct Varieties of Vegetables, viz:

Beet, Blood Turnip, 1 pkt.
Beans, (none of which require staking), Dwarf snap, green pod, $\frac{1}{2}$ pt.; Dwarf, Snap, yellow wax pod, $\frac{1}{2}$ pt.; Bush Limas, 1 pkt.
Cabbage, Early Jersey Wakefield, 1 pkt.
Carrot, Scarlet Horn, 1 pkt.
Corn, Early Sugar, $\frac{1}{2}$ pt.
Cucumber, Long Green, 1 pkt.

Lettuce, Cos, 1 pkt.
Lettuce, Nonpareil, 1 pkt.
Onion, Green Strasburg, 1 pkt.; Mammoth Silver King, 1 pkt.
Peas, (none of which require staking), American Wonder, $\frac{1}{2}$ pt.; Dwarf Telephone, for succession, $\frac{1}{2}$ pt.; Stratagem, $\frac{1}{2}$ pt.

Parsley, triple curled, 1 pkt.
Radish, Scarlet Olive, 1 pkt.
Squash, Vegetable Marrow Bush, 1 pkt.
Tomato, Imperial, 1 pkt.
Turnip, Snowball, 1 pkt.

To Our Friends and Patrons: ..1900

Greeting This being the **Forty-fifth Year** since establishing our immense Seed, Bulb and Plant Business in Toronto, in greeting our numerous old friends and patrons, and tendering them **Our Annual Cultivators' Guide and Catalogue of Seeds, Bulbs and Plants, Etc., for 1900**, we take this opportunity of returning our sincere thanks for their recognition of our efforts to supply them with everything good and reliable in our line, and we trust that they will continue to extend to us that liberal share of their patronage which we may fairly claim, and to deserve which we have at all times done our utmost by honest and square dealings.

Our Catalogue.

We here wish to say, that, doing our utmost to make mention in this Catalogue of our large and varied stock, many articles are unavoidably omitted. We shall cheerfully procure and furnish prices of anything (of whatever nature) obtainable in the interests of our numerous customers. Please write for anything in the seed line you may wish to procure and which you do not see mentioned in this Catalogue.

In compiling our Catalogue we give descriptions free from all appearance of exaggeration, and make our engravings as true to type and nature as possible, considering well the fact that a Seedman's Catalogue should be rational in its tone, educational in its matter, and as clearly descriptive of the things offered as a limited space will allow. It is our desire to make our Catalogue serviceable as a book of reference, and as clear as possible, so that it will not be simply looked at and thrown aside.

Our Stocks.

Our Seed Stocks have been kept up to our high standard of excellence; our plants are well grown and thrifty; our tools and implements are from the best manufacturers in their respective lines, and our fertilizers are of the highest grades procurable.

Our Prices.

It is our constant aim to make Highest Quality a first consideration, and then to make our prices as low as good, honest seeds can be sold. Our prices for seeds of the highest standard of excellence, therefore, will in all cases be found as low as those of any other reliable house. "Our success achieved can only be maintained by the methods that obtained it."

Orders.

We endeavor to be as liberal as possible in filling orders, and strive to send our customers goods that will be satisfactory in every way. The greatest care, will as heretofore, be bestowed in putting up all orders, large or small; also that amateurs not acquainted with the varieties offered, will, by leaving the selection to us, be liberally and judiciously supplied. Our aim will always continue to be to give every satisfaction to the purchaser, **both in quality of the articles supplied, and in the manner of packing and forwarding.**

About Warranting Seeds.

It is impossible for us to guarantee the crop in any way, as there are so many causes that operate against the growth and productiveness of the seeds, over which we can have no control. We spare no trouble or expense in this matter, but *all seeds bought from us must be on the condition that we give no warranty, expressed or implied, as to description, quality, growth, productiveness, or any other matter, of any Seeds, Plants or Bulbs we sell; nor will we hold ourselves in any way responsible for the crop; every order received will be filled by us, on these conditions only.*

Reliable Table Showing the Quantity of Seed Usually Sown upon an Acre.

Lbs. per Bushel.	Lbs. per Bushel.
Barley, Broadcast.....48 2 to 3 bus.	Melon, Musk, in hills.... 2 to 3 lbs.
Beans, Dwarf, in drills 60 1 1/2 bushel.	Melon, Water, in hills.... 4 to 5 lbs.
Beans, Pole, in hills....60 10 to 12 qts.	Millet.....48 1 bush.
Beets, Table, in drills.... 6 lbs.	Oats, broadcast.....34 2 to 3 bus.
Beets, Mangel-Wurzel... 6 lbs.	Onions, in drills..... 6 to 8 lbs.
Buckwheat.....48 1 bushel.	Onion, for Sets, in drills 50 lbs.
Cabbage in beds to transplant..... 1 lb.	Onion, Sets, in drills.... 6 to 12 lbs.
Carrot, in drills..... 3 to 4 lbs.	Parsnip, in drills..... 4 to 6 lbs.
Clover, Red.....60 20 lbs.	Peas, Round, in drills 60 1 1/2 bush.
Clover, White.....60 12 to 15 lbs.	Peas, wrinkled, in drills 60 1 1/2 bush.
Clover, Alsike.....60 10 lbs.	Peas, broadcast..... 3 bush.
Clover, Lucerne or Alfalfa.....60 20 lbs.	Potatoes, cut tubers....60 8 bush.
Corn, in hills..... 3 to 10 qts.	Pumpkins, in hills..... 3 lbs.
Corn, for Fodder.....56 3 bush.	Radish, in drills..... 8 to 10 lbs.
Cucumber, in hills..... 2 lbs.	Rye, broadcast.....56 1 1/2 to 2 bus.
Flax, Broadcast.....56 1 1/2 bush.	Spinach, in drills..... 15 lbs.
Grass, Kentucky Blue 14 3 bush.	Squash, bush varieties, in hills..... 4 lbs.
" Orchard.....14 3 bush.	Squash, running varieties, in hills..... 3 lbs.
" English Rye.....24 3 bush.	Tomato, to transplant... 1 lb.
" Red Top.....14 3 bush.	Turnip, in drills..... 2 lbs.
" Timothy.....48 1/2 bush.	Turnip, broadcast..... 2 lbs.
" Hungarian.....48 1 bush.	Vetches, broadcast....60 2 to 3 bush.
Lawn Grass.....15 4 bush.	Wheat, broadcast.....60 1 1/2 to 2 bush.

Quantity of Seed Required for a Specified Length of Drill.

Asparagus.....1 oz. - 60 ft. of drill.	Onion.....1 oz. - 100 ft. of drill.
Beet.....1 oz. - 50 ft. of drill.	Onion Sets.....1 qt. - 40 ft. of drill.
Beans, Dwarf.....1 qt. - 100 ft. of drill.	Parsley.....1 oz. - 125 ft. of drill.
Beans, Pole.....1 qt. - 150 hills.	Parsnip.....1 oz. - 150 ft. of drill.
Cabbage.....1 oz. - 2000 plants.	Peas.....1 qt. - 100 ft. of drill.
Cauliflower.....1 oz. - 2000 plants.	Pepper.....1 oz. - 1000 plants.
Celery.....1 oz. - 2500 plants.	Pumpkin.....1 oz. - 40 hills.
Carrot.....1 oz. - 150 ft. of drill.	Radish.....1 oz. - 75 ft. of drill.
Cucumber.....1 oz. - 50 hills.	Salsify.....1 oz. - 70 ft. of drill.
Corn.....1 oz. - 200 hills.	Spinach.....1 oz. - 75 ft. of drill.
Leek.....1 oz. - 100 ft. of drill.	Squash, Early.....1 oz. - 50 hills.
Lettuce.....1 oz. - 3000 plants.	Squash, Marrow.....1 oz. - 20 hills.
Melon, Water.....1 oz. - 30 hills.	Tomato.....1 oz. - 1500 plants.
Melon, Musk.....1 oz. - 50 hills.	Turnip.....1 oz. - 150 ft. of drill.

Our Publications.

We issue the following Catalogue and Price Lists during the year:—January 1st, Illustrated Guide for Amateur Gardeners; Market Gardeners' Catalogue; Florists' Semi-Annual Trade Price List; Dealers' Trade List of Seeds. June 1st, Florist's Semi-Annual Trade Price List of Forcing Bulbs, etc. August 15th, Price List of Winter Wheat. Sept. 1st, Autumn Catalogue of Dutch and other Bulbs, etc.

Please Read Carefully What We Do.

Seeds by Mail—We send free, by mail, all seeds priced by the packet, ounce or quarter pound; and all seeds quoted by the pound, except Beans, Field Beets, Field Carrots, Broom Corn, Corn, Mangel, Peas, Rape, Field Turnips and Swedes, Clover, Grasses and Bird Seeds; to these varieties **four cents per pound** must be added for postage.

We Guarantee that every package we send out shall reach its destination in good condition, and that everything shall be received exactly as ordered. If a package is lost we will replace it.

We pack all seeds and plants carefully, and they will carry to any part of the world with safety.

Completion of Orders—As the season advances our stock of some varieties become exhausted. In such cases we substitute with an article of the same variety, of equal quality, or return the money. Potatoes, bulbs, plants, etc., will be sent only when all danger of frost is past.

Orders—We fill orders within forty-eight hours after being received if possible.

Errors—Should any errors occur we desire to be informed of the fact and promise to make such corrections as will be perfectly satisfactory.

What Customers Should Do.

Forward Money with your order, by post office order, postal note, express order, bank draft, or registered letter. All money sent by any one of the above ways will be at our risk.

Be Sure and write your name and address plainly, as we very often get letters without names, and others without the post office address or county. Keep a copy of your order by marking in your Catalogue, opposite the variety, the quantity ordered of each; by so doing you will know when your goods arrive if all is correct.

Send Your Orders Early—By so doing you are sure of getting all you order promptly, for as the season advances some varieties run short.

Ladies should always prefix their names with Miss or Mrs., as the case may be.

Correspondents should always sign their names alike each time. Ladies very often sign their husband's names in sending an order, and then again their own names, if making enquiry about it, or *vice versa*. This gives us a great deal of trouble looking through long files.

Should you receive an extra copy of our Catalogue, or have no use for this one, kindly hand it to someone who would likely be wanting seeds, etc.

Always give shipping instructions when ordering large quantities of seeds, etc. Say whether by freight or express. Should instructions not be given, we shall use our best judgment.

Should You Make any change in your permanent address, please notify us, so that we may be able to forward our Catalogue to you.

Important—Should you not receive your seeds, etc., in a reasonable time after sending your order, advise us of the fact, enclosing a duplicate order, and state the date order was mailed, the amount of money enclosed and in what form. On receipt of this we will at once refer the order, and investigate the matter; but if duplicate order is not sent we cannot do so promptly.

Goods ordered shipped to any flag station must have freight prepaid. Please allow for same in remittance.

Seeds ordered by the peck or bushel will be sent either by express or freight at purchaser's expense.

Address all orders and other communications to

ANTON SIMMERS
HERMANN SIMMERS } **J. A. SIMMERS,**
Offices and Seed Warehouses—
147, 149, 151 KING STREET EAST, South Side
(2 doors West of St. Lawrence Market).
TORONTO

THE DAYS OF USING SOD

will soon be over when people know how easily Lawns are made with

SIMMERS'

"Toronto Parks"

Lawn Grass Seed

(For details see inside of back cover).



CROP OF 1899.

(8)



Taber's I.X.L. Green Pod Bush Bean

GREEN PODDED VARIETIES—Bush or Dwarf

Taber's I.X.L. the nearest to a stringless green pod Bush Bean in cultivation, it surpasses all others in crispness, tender flavor, and is also the most prolific. The illustration shows the width and thickness of the beautiful, straight, green pods, which are almost stringless, full and fleshy. Plants of medium growth, pods 9 to 10 inches long, light green in color, flesh tender and of the best quality. The pods remain long in edible condition; even when the beans are large the pods are not stringy. Packet 10c, per lb 20c, 2 lbs 35c, 5 lbs 75c, peck \$1.00.

Simmers' Canadian Wonder—It is a giant among green podded varieties, forming a large, robust plant, covered with long, thick, flat pods, somewhat similar in shape to the well-known Mohawk, but nearly twice as large, frequently measuring from nine to ten inches in length by three quarters of an inch wide and one half inch thick. It is much later than the Mohawk and of similar quality. The largest and most handsome green pod bean of strictly bush form which we know of. Per pkt 5c, lb 15c, quart (2 lbs) 30c, 5 lbs 70c, peck (15 lbs) \$1.50.

Mohawk—Very hardy and prolific, also very early; good string bean. Per pkt 5c, lb 15c, quart (2 lbs) 30c, 5 lbs 70c, peck (15 lbs) \$1.50.

Yellow, or Six Weeks—Early, hardy, and most prolific variety; a good reliable cropper. Per pkt 5c, lb 15c, quart (2 lbs) 30c, 5 lbs 70c, peck (15 lbs) \$1.50.

Refuge, or 1,000 to One—Solid Podded, excellent and prolific; much used for canning. Per pkt 5c, lb 15c, quart (2 lbs) 30c, 5 lbs 70c, peck (15 lbs) \$1.50.

Valentine, round podded—Early, tender and prolific; good for a string bean or pickling. Per pkt 5c, lb 15c, quart (2 lbs) 30c, 5 lbs 70c, peck (15 lbs) \$1.50.

Early China—Red Eye, a well-known and prolific sort, very tender. Per pkt 5c, lb 15c, quart (2 lbs) 30c, 5 lbs 70c, peck (15 lbs) \$1.50.

Large White Marrowfat—Extensively grown for sale as a dry bean for winter use; excellent either when green in pods or dry. Per pkt 5c, per lb 10c, quart (2 lbs) 15c, 5 lbs 35c, peck (15 lbs) 70c.

White Kidney, or Royal Dwarf—A superior variety for baking; is also excellent when green in pods. Per pkt 5c, lb 15c, quart (2 lbs) 25c, peck (15 lbs) \$1.25.

BEANS—English or Broad

(N.B.—One pound of Beans is equal to about one pint and will plant about 50 feet of drill.)

CULTURE—The English Broad Beans are very hardy, and should be planted as early in the spring as the ground can be worked, in rows 2 feet apart, about 5 inches apart in the row, and cover 2 inches deep.

Broad Windsor—Large, one of the best, ripens well, very prolific. Pkt 5c, lb 15c, quart 25c, peck \$1.50.

Early Mazagan—The earliest, very hardy and bears freely, best adapted to our climate. Pkt 5c, lb 15c, quart 25c, peck \$1.50.

BROCCLOI

CULTURE:
Same as Cauliflower.

German—*Spargel-Kohl*.

French—*Chou Brocoli*.

Early Purple Cape—Heads medium size, close and compact, sure to head. Pkt 5c, oz 20c, 2 oz 40c, ½ lb 75c.

Walcheren White—It bears large compact heads of a creamy white color and of good flavor, can be grown where Cauliflower makes an uncertain crop. Pkt 5c, oz 50c, 2 oz 85c, ½ lb \$1.25.

BUSH LIMA BEANS

Burpee's Bush Lima—A dwarf variety of the Improved Lima which has been fixed in its character of a bush bean; it is very prolific, single plants often producing from 150 to 200 pods. It requires no poles or staking whatever, and should be planted about 2 feet apart in the rows. Per pkt 5c, pint or lb 20c, quart 40c, 5 lbs 90c, peck \$2.25.

Henderson's Bush Lima—It grows without the aid of poles, in compact Bush form, about 18 inches high, and is very early. Per pkt 5c, lb 20c, quart (2 lbs) 40c, 5 lbs 90c, peck \$2.00.

POLE BEANS

Pole Beans, being tender, ought not to be planted until the ground is dry and warm. A well-manured, sandy loam suits them best. Plant in hills 4 feet apart, 6 to 8 beans to hill; eyes downward, afterwards thin to three plants in a hill. Set poles 8 to 10 feet long before planting seed.

"Golden Champion"—Certain to be the leading Early Wax Pole Bean, fully two weeks earlier than any other variety, being fit to pick on July 24th of last year. Pods are enormous, resembling the Giant Yosemite Wax in size and form; color light yellow, and are absolutely stringless and tender. Pkt 5c, pt 20c, qt 40c, 5 lbs \$1.00, peck \$2.50.

Lazy Wife—Large pale green pods; very thick meated; stringless, rich, tender and buttery; ripens early; clings well to pole, enormously productive, splendid either as a snap or shell bean, retains its exquisite flavor until nearly ripe (see cut). Pkt 5c, lb 20c, qt 40c, 5 lbs \$1.00, peck \$2.50.

Golden Andalusia Wax—The pods are 5 or 6 inches long, broad, thick, very fleshy, and entirely stringless, surpasses all other varieties in these respects. Pods when fully grown are from 5 to 6 inches long, exceedingly rich, buttery, and fine flavored when cooked. Pkt 5c, lb 20c, qt 40c, 5 lbs \$1.00, peck \$2.50.

Asparagus, or Yard Long (Genuine)—It is a Pole Bean, with dark green foliage and immense pods of a beautiful green color, tender and delicious. Although of such extraordinary length they are produced abundantly. Pkt 10c, 3 pkts 25c, lb 50c.

Early Dutch Case Knife—Very productive, excellent whether used green or shelled dry. Pkt 5c, lb 15c, qt 30c, 5 lbs 70c, peck \$1.50.

Improved Large Lima—Unsurpassed and universally grown for private use, very early and tender. Pkt 5c, lb 15c, qt 30c, 5 lbs 70c, peck \$1.80.

Scarlet Runner—A favorite sort, cultivated for the beauty of its flowers, as well as for table uses, grows 9 or 10 feet high; dazzling scarlet flowers. Pkt 5c, lb 15c, qt 30c, 5 lbs 70c, peck \$1.60.

Giant White Runner—A white-seeded variety of Scarlet Runner, but earlier and more prolific, producing immense pods in great abundance. Pkt 5c, lb 15c, qt 30c, 5 lbs 70c, peck \$1.60.

Blue Podded Giant Marrow—Pods about 10 inches in length, of a purplish-blue color, and most luscious when cooked. Pkt 5c, lb 30c, qt 50c, 5 lbs \$1.00, peck \$2.50.



Lazy Wife Pole Beans.

German—*Runkle-Rübe*French—*Betterave*

(One ounce will sow 100 feet of drill.)

CULTURE.—The soil best suited to the Beet is a deep, light and rich sandy loam. For early Beets the seed should be sown about the middle of April or as soon as the ground is in good working condition, in drills 12 to 14 inches apart, and thinned to 10 inches apart in the drills. For winter crops 1st June is the right time. Cover 1 inch deep.



Half Long
Blood Red

Early Blood Turnip

Eclipse

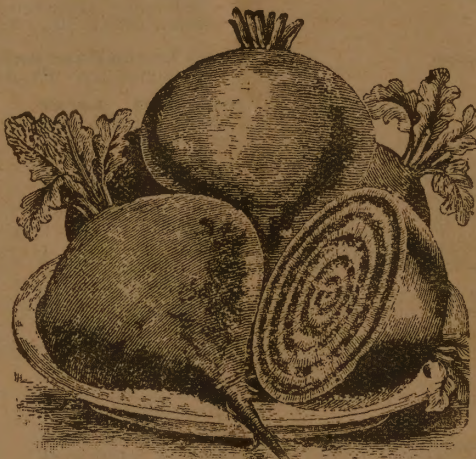
SIMMERS' EXTRA

EARLY—Combines more good qualities than any other variety. Rich red flesh. Exceedingly tender. Remarkably early. In this early Beet we have secured more good qualities than were ever combined

in any one variety before. In shape it is almost round. The color is dark crimson, the prevailing shade being very dark, changing alternately into rings of a lighter hue. The constancy of color in every bulb largely enhances its value. It is extremely early. But it is when prepared for the table that its fine qualities become most apparent, the fine, rich color making it conspicuous. The flesh, of delicate texture, is rich, sugary and entirely free from fibre. Price, pkt 10c, oz 15c, 2 oz 20c, $\frac{1}{4}$ lb 30c, lb \$1.00.

EARLY ECLIPSE—Remarkable for its rapid growth, extreme smallness of tops and extra fine quality. Perfectly smooth and round, skin and flesh intense red, very fine grained and sweet, an excellent sort—see illustration. Per pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 20c, lb 60c.

EARLY DARK RED FLAT EGYPTIAN—One of the earliest dark red Beets in cultivation; its color is a fine dark red, and its shape is that of an early flat white turnip: it never fails to give satisfaction—see illustration. Per pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 20c, lb 50c.



Simmers' Extra Early Beet



Early Dark Red Flat Egyptian Beet

Dewey's Improved Blood Turnip—Roots deep blood, and of fine form and flavor. Per pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 25c, lb 60c.

Early Bassano Flat Red—Very clear, tender and sweet, rose color, grows to a good size. Per pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 20c, lb 50c.

Early Blood Turnip—Good for summer or winter, flesh dark red color, a standard round variety with small top, very tender. Per pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 20c, lb 50c.

Edmand's Early—The roots are handsome and round, very smooth, with a single tap root; of good marketable size, and for table use no variety can excel it in fine quality. Per pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 20c, lb 50c.

Half Long Deep Dark Blood Red—The best for family use, tender, sweet, not requiring to be cut in two for boiling. Per pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 20c, lb 50c.

Whyte's Very Deep Long Blood Red—Very choice and long. Per pkt 5c, oz 10c, 2 oz 20c, $\frac{1}{4}$ lb 30c, lb 80c.

Extra Long Smooth Deep Blood Red—The most popular kind for general use, keeps well. Per pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 20c, lb 50c.

Dell's Black or Crimson Leaved Beet—Both useful and ornamental, as it is extensively used for ribboning in flower borders, on account of its extremely striking foliage, being a deep dark metallic lustre. Per pkt 5c, oz 25c, 2 oz 40c, $\frac{1}{4}$ lb 75c, lb \$2.00.

Silver Beet or Swiss Chard—Sometimes called Sea Kale Beet, a variety with beautiful and tender leaves, used for "Spinach," the midrib is used and served as Asparagus. Per pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 20c, lb 75c.

Borecole or Kale

German—*Blätter Kohl*.French—*Chou vert*.

CULTURE.—Borecole or Kale may be grown in almost any soil, but the richer it is the more abundant the product. Sow from the middle of April to the beginning of May, in prepared beds, covering the seed thinly and evenly, transplant in June and treat in the same manner as for Cabbage. The varieties are all extremely hardy, and are best when touched by frost.

Dwarf Green Curled Scotch—Very hardy, one of the best. Per pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c.

Dwarf Curled German Greens, or Sprouts—Early and very tender. Per pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c.

Tall Green Curled Scotch—This is very hardy and improved by a moderate frost. About thirty inches tall with an abundance of dark green leaves, which are densely curled and cut, forming a very beautiful plant. It stands the winters in the Middle States without any protection. Per pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c.



Dwarf German Curled Kale

Plumage—Very curly, producing variegated leaves, suitable for ornamental and bedding purposes, also excellent for table. Per pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c.

BRUSSELS SPROUTS

German—*Kopfkohl Gruener*.French—*Chou de Bruxelles*.

CULTURE.—The seeds should be sown in March or April in the hotbed or in the open ground when the weather permits. When the plants are three inches high they should be transplanted and cultivated the same as cabbages or cauliflowerers.

Large Tall French [Dalmeny]—A very fine variety; the sprouts are large and solid and of luscious flavor. Pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c, lb \$1.50.

Improved Dwarf—A standard variety of excellent quality, producing compact sprouts of fine quality; it seldom fails to produce sprouts, and is a good keeper. Per pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c, lb \$1.50.



Brussels Sprouts

CABBAGE

German—*Kopf Kohl*.
French—*Chou Cabus*.

FOR CABBAGE PLANTS SEE END OF VEGETABLE LIST.

(One ounce will produce about 3,000 plants.)

CULTURE.—For very early use sow in January or February in hotbeds; prick out when the plants are strong enough into other hotbeds; or sow in cold frames in March; transplant, when danger from killing by frost is past, to the open ground, in rows 2 feet apart and 18 inches in the row. For a succession sow in the open ground the last of March or early in April. To secure plants for wintering in cold frames sow the seed in well-prepared, rich ground from the 10th to 25th September. To preserve the plants from insects sprinkle them with *Slug-Shot*.

EARLY VARIETIES

SIMMERS' PREMIER—For description see Novelties. Pkt 10c., oz. 40c, $\frac{1}{4}$ lb \$1.25.

BURPEE'S ALL-HEAD EARLY—This is the earliest of all large cabbages being at least a week earlier than any of the various strains of Early Summer Cabbage, and is fully one-third larger and therefore much more profitable to the market gardener. It is unquestionably the nearest approach to a thoroughbred cabbage of any variety yet introduced, both as regards size and uniformity of development. Per pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{4}$ lb 60c, lb \$2.00.

Extra Early "Express"—From 8 to 10 days earlier than the Early Etampes, which it resembles in shape, though smaller, heads pointed. It has few outside leaves and can be planted close. For a very quick forcing sort, try it. Per pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c, lb \$1.50.

Henderson's Early Summer—A standard early variety, much used by market gardeners, heads large, solid and nearly globe shaped, rarely or never burst when fully matured. Per pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{4}$ lb 60c, lb \$2.00.

EXTRA EARLY ETAMPES—A very early sort, producing medium-sized heads very sharply pointed. It grows quickly, is mild flavored, and for private gardens a desirable sort. Per pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c, lb \$1.50.

SELECTED EARLY JERSEY WAKEFIELD—One of the best early varieties for private use, very solid, medium size, nearly round, of excellent flavor. Per pkt 5c, oz 20c, 2 oz 40c, $\frac{1}{4}$ lb 75c, lb \$2.50.

Early Winningstadt—Pointed head, for summer and winter use, very sound, quality first rate, sure to head on all soils, desirable for private gardens. Per pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c, lb \$1.50.

SECOND EARLY VARIETIES

SIMMERS' EARLY GERMAN BRUNSWICK—A second early variety, short stemmed, solid, large light green flat heads, similar but rather superior to St. Denis, most commendable to market gardeners and others, large as Henderson's and nearly as early, stem remarkably small and short, every plant sure to head. In our prize competition one of our customers sent us three heads weighing 104 lbs. Per pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{4}$ lb 60c, lb \$2.00.

Henderson's Succession—Handsome, large and a sure header. The Succession is about one week later than the Early Summer, but is double its size, and is so finely bred that in a field of ten acres every head was a magnificent, perfect specimen, fit for exhibition purposes. Per pkt 5c, oz 20c, 2 oz 40c, $\frac{1}{4}$ lb 75c, lb \$2.50.

Early French Oxheart—A leading variety among the market gardeners, heads very early, tender and of fine flavor; our seed is selected from extra fine stock. Per pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c, lb \$1.50.

All Seasons—This is a superior variety to plant for late as well as for early crop, the thickness of the head making it a capital variety to keep through the winter; heads large and solid, not liable to burst after heading. Per pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{4}$ lb 60c, lb \$2.00.

FOTTLER'S IMPROVED BRUNSWICK DRUMHEAD (American)—Pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{4}$ lb 60c, lb \$2.00.

VANDERGAW—This for a mid-summer and a late cabbage is without a rival. It is a medium late cabbage. Large green heads, hard and of remarkable excellence; tender, crisp and delicious and the most reliable header in existence. Per pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{4}$ lb 60c, lb \$2.00.

Early Premium Flat Dutch—One of the very best varieties to keep, large heads. Per pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{4}$ lb 60c, lb \$2.00.



Improved Large American Drumhead Savoy

Early Schweinfurt Quintal—A remarkable and valuable variety for earliness, and commendable both for summer and winter use, very large heads. Per pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{4}$ lb 60c, lb \$2.00.

SAVOY CABBAGE

Simmers' Perfection Drumhead Savoy Cabbage—Heads large and very finely curled, short stock and compact grower, an excellent keeper. Partakes of the size of the Drumhead, with the curled leaves and fine flavor of the Savoy. Far superior to the ordinary imported Drumhead Savoy. Per pkt 5c, oz 20c, 2 oz 40c, $\frac{1}{4}$ lb 75c, lb \$2.50.

Improved Large American Drumhead—The largest heading sort, of excellent flavor, short stock, compact grower and excellent keeper. Per pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{4}$ lb 60c, lb \$2.00.

Large German Drumhead—A large headed Savoy cabbage, tender and fine flavored. A good winter variety. Per pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{4}$ lb 60c, lb \$2.00.

Largest French Drumhead—Heads very large, less curly than the preceding, but solid and heavy and a good keeping variety. Per pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{4}$ lb 60c, lb \$2.00.

Dwarf Ulm—Choice, head firm but small, very crisp, curly and fine flavored. Per pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{4}$ lb 60c, lb \$2.00.



Simmers' Early German Brunswick Cabbage

(Best for general crop.)

LATE VARIETIES

The Lupton—Earlier than Flat Dutch, of closer growth, sure header, large, solid, dark green, quality very fine. Per pkt 5c, oz 20c, 2 oz 40c, $\frac{1}{4}$ lb 75c, lb \$2.50.

SIMMERS' MATCHLESS FLAT DUTCH CABBAGE—Extremely handsome in appearance, the stems being very short. The well-developed heads are true to type and uniform in color, which is an attractive bluish green. The heads measure about 13 inches across and weigh from 10 to 12 pounds each. The Matchless Flat Dutch comes very true, and is a sure header. A very superior cabbage for autumn and winter use. Per pkt 5c, oz 20c, 2 oz 40c, $\frac{1}{4}$ lb 75c, lb \$2.50.

Filderkraut—This variety somewhat resembles the Winningstadt, but is larger in every way, more pointed, and heads up with fewer outside leaves. Per pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{4}$ lb 60c, lb \$2.00.

Surehead—One of the surest headers and best main crop cabbages. The heads are round, flat on top, hard, and with few outside or loose leaves. Market gardeners will find it a most valuable sort. Per pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{4}$ lb 60c, lb \$2.00.

AUTUMN KING—The Autumn King is the best keeper we have ever seen; it produces enormous solid heads of dark green, and has such small outer leaves that it can be planted much closer together than the ordinary late sorts, and can be relied on to produce a greater weight of crop than any other variety. Per pkt 5c, oz 30c, 2 oz 55c, $\frac{1}{4}$ lb \$1.00, lb \$3.00.

Late Marblehead Mammoth—The largest known sort, solid, tender and free heading winter variety, and with good culture averages 30 lbs. per head (American grown seed.) Per pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{4}$ lb 60c, lb \$2.00.

Late French St. Denis—Flat heads, very solid and heavy, one of the most profitable sorts for winter, keeps well all winter. Per pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{4}$ lb 60c, lb \$2.00.

Late Large French Quintal—One of the largest and most solid kinds known, flat heads, keeping well in winter. Per pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{4}$ lb 60c, lb \$2.00.

Late Large Drumhead—Heads large and solid, good for general crop, and of fine quality. Per pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{4}$ lb 60c, lb \$2.00.

Late Flat Dutch—Short stems and large, solid flat heads. Per pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{4}$ lb 60c, lb \$2.00.

RED CABBAGE

Extra Early Red Dutch Erfurt—Extra fine, heads quickly, and of a very dark, blood-red color, valuable for pickling: when early pickles are desired, this sort should be sown. Per pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{4}$ lb 60c, lb \$2.00.

Large Late Deep Red Dutch Drumhead—For pickling, solid and of deep blood-red color, heads very hard and solid. Per pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{4}$ lb 60c, lb \$2.00.

Mammoth Red Rock—The Mammoth Red Rock is a large growing and selected strain of late red cabbage, the heads will average 12 pounds each. Per pkt 5c, oz 30c, 2 oz 55c, $\frac{1}{4}$ lb \$1.00, lb \$3.00.



Mammoth Red Rock Cabbage

For Cabbage Plants see Plant List at End of Vegetables

CARROTS

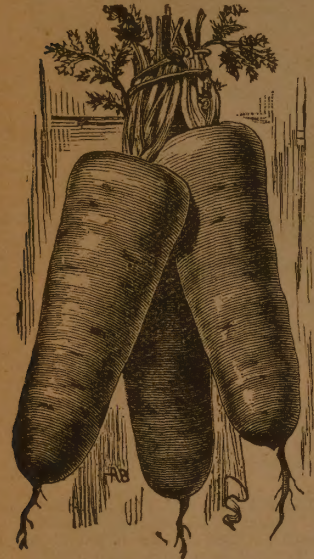
German—*Mahre*.
French—*Carrotte*.

One ounce of seed will sow 100 feet of drill. Four pounds required for one acre.

CULTURE.—The Carrot, like other root crops, delights in a sandy loam, richly tilled. For early crops sow in spring as soon as the ground is in good working order; for later crops they may be sown any time until the middle of June. Sow in rows about 16 inches apart, thinning out to three or four inches between the plants. In field culture, when grown for horses or cattle, the rows should be two feet apart, so that the crop can be worked by the Horse Cultivator. As Carrot Seed is slow to germinate, all precautions must be taken to have the ground in good growing order.

Improved Scarlet Intermediate—(*Stump rooted*). This is certainly the best main crop carrot. Our cut is no flattering representation, but shows it as we have seen it in enormous quantities, and we strongly advise our customers to plant it. It is one of the most uniform in shape that we know, and where the soil is favorable it will always grow clean and free from side roots. The core is small and very tender, and there is no indication of woody character at any stage of its growth. It is also entirely free from any coarse, rank flavor so common with many sorts. For private purposes it is ideal, and its yielding capacity is enormous, which, with its handsome color and fine appearance, makes it invaluable to market gardeners. (See cut.) Per pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{2}$ lb 25c, lb 30c.

Ox-Heart or Half Long Guerande—(*Stump rooted*). Intermediate between the half long and horn varieties, attaining a diameter of three to four inches at the neck, and of most beautiful shape and rich orange color. It is of extra



**Chantenay, Half Long
Scarlet Carrot**

fine quality, and very productive. Per pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{2}$ lb 25c, lb 30c.

Chantenay, Half Long Scarlet—This is the best early Carrot in existence, one which market gardeners should plant for their main early crop. The carrots grow about six inches long, are stump rooted, very smooth, deep red, fine grained, sweet and sugary, and not apt to crack open while growing. An excellent table sort and a heavy cropper. Our seed is most carefully selected. Per pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{2}$ lb 25c, lb 30c.

Early Scarlet English Horn or Half Long—Very fine and sweet, pointed rooted. Per pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{2}$ lb 25c, lb 30c.

Early Very Short Scarlet or Golden Ball—French forcing, the earliest variety, almost as round as turnip radishes and very sweet; ready for use about five weeks after sowing. Per pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{2}$ lb 25c, lb 30c.

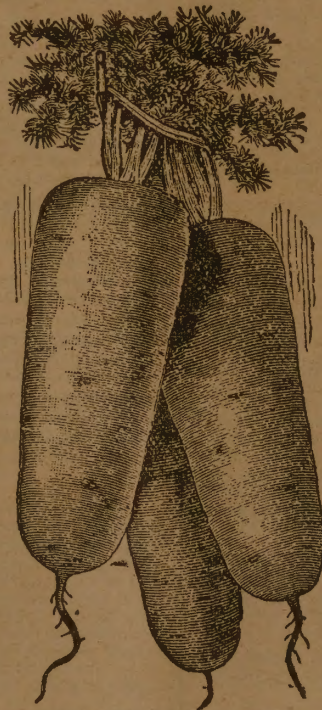
Improved Danver's Half-Long—The best Carrot for general crop; it is of rich orange color, a very heavy yielder and splendid keeper. It is a first-class Carrot for all kinds of soils, valuable both for table use and for stock. We have an extra fine strain of this favorite sort, which we have sold for many years, giving the greatest satisfaction to our customers. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{2}$ lb 25c, lb 30c.

Large Red Altringham—Large and fine flavored, grown for stock-feeding purposes. Per pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{2}$ lb 20c, lb 70c.

Improved Long Orange—The well-known and popular old stand-by for late summer and winter use, grown extensively for feeding stock. Per pkt 5c, oz 10c, $\frac{1}{2}$ lb 15c, lb 50c.

Simmers' Improved Giant Short White—This field Carrot is especially suitable for shallow soil. In shape they very much resemble the Oxheart, excepting the roots grow more to a point. When other varieties require digging, our Giant Short White can be pulled. Flesh and skin are white, and it is considered by those who have grown it much better in quality than any other variety. Per pkt 5c, oz 10c, $\frac{1}{2}$ lb 15c, lb 40c.

For Field Varieties of Carrots see *Agricultural Seeds* further on.



**Improved Danver's Half-Long
Carrot**



Improved Scarlet Intermediate Carrot

Cress or Pepper Grass

One Ounce will sow about Fifteen Square Feet,

CULTURE.—Sow thickly in shallow drills, very early in spring and every two weeks throughout the season, give occasional waterings. Two ounces will sow ten feet square three times. Use as salad before the flowers appear. Transplant the Water Cress, when well rooted, to the banks of a running stream.

EXTRA CURLED—Standard sort, very fine for salads, may be cut two or three times. Per pkt 5c, oz 10c, $\frac{1}{2}$ lb 15c, lb 40c.

Broad Leaved—A large-leaved variety, fine piquant flavor. Per pkt 5c, oz 10c, $\frac{1}{2}$ lb 15c, lb 40c.

Upland Cress—(*Barbarea Vulgaris*) Grown as Spinach and used exactly as Water Cress. It so much resembles Water Cress in taste that the difference is scarcely discernable, and its use should become more general, as it is of as easy culture as Spinach; indeed, earlier, for it is a perennial plant, and can be grown easily for two years without resowing and it yields enormous crops. Per pkt 10c, oz 40c.

True Water—A well known hardy perennial aquatic plant, grown abundantly along the margin of running streams. Per pkt 10c, oz 40c, 2 oz 75c, $\frac{1}{2}$ lb \$1, lb \$3.50.

Cardoon

The mid-ribs of this vegetable are used while in a tender state, similar to Asparagus, and the young leaves in the form of Spinach. Sow early in May, in rows two and a-half feet apart, and thin the plants out to two feet in the row. When the plants have attained their full size, bind them together with matting or twine, and earth them up like celery to blanch.

Large Spanish—Pkt 5c, oz 30c, 2 oz 50c, $\frac{1}{2}$ lb \$1, lb \$3.50.

Corn Salad—Lamb's Lettuce (or Fetticus).

German—*Acker oder Felt Salat*. French—*Mache*.

CULTURE.—Sow about September or very early in spring, in drills half an inch deep and six inches apart, in rich ground. As the plants are for cutting when young, the seed may be sown pretty thin. Before the cold weather sets in protect with clean straw. It is cut during the winter and early spring for salads, and is most excellent as such.

Broadleaved—Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{2}$ lb 20c, lb 60c.



Chives

Chives German—*Schnittlauch*.

CHIVES are perfectly hardy little perennial members of the onion tribe, and are grown exclusively for their tops, which are used wherever the flavor of onion is required. Planted in small clumps in any common garden soil they will grow readily, and in time increase so as to render a division necessary. The tops appear very early in spring, and can be shorn throughout the season, hence this valuable little plant should have a place in every garden.

Seed of the above, per pkt 10c. Roots—Per bunch 25c postpaid.

YOU TAKE NO RISK in ordering **SIMMERS' SEEDS** direct by mail and you have the great advantage of being able to select just what you want from this Complete Catalogue of all the Best Seeds.



Extra Curled Cress

French—
Choufleur**CAULIFLOWER**German—
Blumen Kohl.

(One ounce of seed will produce about 3,000 Plants).

For Plants of Cauliflower, Cabbage, etc., see in Plant List.

CULTURE.—When grown to perfection this is a most delicious vegetable, and well repays generous treatment in cultivation. With a deep, rich soil and an abundance of moisture, which in dry seasons must be applied artificially, Cauliflower can be grown well. Frequent and vigorous hoeing and a liberal supply of rich liquid manure, to keep up a continuous and rapid growth, will produce splendid heads of the most delicate flavor. It facilitates blanching if the leaves are gathered loosely together and tied over the top of the head. For sowing the seed, the same general directions as recommended for Cabbages will answer for this crop.

Simmers' Gilt Edge—We confidently recommend this as the finest Cauliflower in the world; and it is so pronounced by all growers who have had it. It is of very dwarf, erect habit, with short outer leaves. It can be planted less than two feet apart each way. It is a sure header, every plant forming a large, solid, perfect head, of remarkably pure white color, of the finest table quality. All family gardeners should bear in mind that our seed of the "Gilt Edge" is so carefully selected that from it a crop of Cauliflower can be grown as easily as a crop of Cabbage. It is a surer header, either for early or late sowing, and can be left longer in the field without decaying than any other sort. It matures immediately after "Snowball," but is a heavier sort. Pkt 25c, ½ oz \$2.25, oz \$4.00.

Early Snowball—The earliest and most reliable in heading, of dwarf habit, with very short outer leaves, allowing it to be planted close together. Per pkt 20c, ½ oz \$1.25, oz \$2.25, 2 oz \$4.00, ½ lb \$7.50.

Simmers' Extra Selected Early Dwarf Erfurt—One of the earliest heading varieties in cultivation, small leaved for forcing or open ground; of low growth [extra superior quality of German seed]. Per pkt 25c, ½ oz \$1.50, oz \$3.00, 2 oz \$5.50.

Early Demi-Dur, or Half Early Paris—Best for general crop, and sure to head, valuable for market gardeners. Per pkt 5c, ½ oz 50c, oz 75c, 2 oz \$1.25, ½ lb \$2.25.

Late Erfurt Market—An early, large and very fine German variety; well suited for this climate. Per pkt 10c, ½ oz \$1.00, oz \$1.50, 2 oz \$2.50, ½ lb \$4.50.

Large Late Le Normand—Short stemmed, produces very close and uniform head, well protected by the foliage, hardy and stands dry weather. Per pkt 5c, ½ oz 50c, oz 75c, 2 oz \$1.25, ½ lb \$2.25.

Large Late Algiers—An excellent favorite, late variety. Per pkt 10c, ½ oz 70c, oz \$1.25, 2 oz \$2.25, ½ lb \$4.00.

Late Italian or Autumn Giant—Attaining enormous dimensions; heads beautifully white, large, firm and compact. Per pkt 5c, ½ oz 30c, oz 60c, 2 oz 80c, ½ lb \$1.50.

ALL OUR CAULIFLOWER ILLUSTRATIONS ARE PHOTOGRAPHED
FROM ACTUAL SPECIMENS



Simmers' "Gilt Edge" Cauliflower—The surest header, the most profitable, the best variety for either market or family gardens.



Early Snowball Cauliflower

CURLED CHERVIL

German—Kerbel.

French—Cerfeuil.

CULTURE.—A very rich herb, similar in growth and flavor to Parsley, and should not be wanting in any kitchen garden. A rather moist situation in the garden is preferable. To blanch the leaves gather them carefully together when perfectly dry and tie near the top and draw up the earth around the plants.

CHICORY

German—Caffewurzel.

French—Chicoree.

Culture same as Carrots.

Large Rooted Magdeburgh—Pkt 5c, oz 10c, 2 oz 15c, ½ lb 20c, 1 lb 40c.

ENDIVE

German—Endivien.

French—Chicoree.

CULTURE.—For early use sow thinly in May, in drills 1 ft apart, and for a succession, every two or three weeks until mid-summer. A rather moist situation in the garden is preferable. To blanch the leaves gather them carefully together when perfectly dry and tie near the top and draw up the earth around the plants.

Broad Leaved Imperial Batavian (Escarolle)—Is chiefly used in soups. Per pkt 5c, oz 20c, 2 oz 30c, ½ lb 50c, 1 lb \$1.50.

Early Green, or French Moss Curled—Very tender, hardy leaves dark green and crisp. Pkt 5c, oz 20c, 2 oz 30c, ½ lb 50c, 1 lb \$1.50.



Specimen of the famous Early Dwarf Erfurt Cauliflower
(Simmers' Selected Private Strain)

SIMMERS' CELERYGerman—*Selleri*.
French—*Celeri*.**SPECIAL OFFER**—One packet of each of the Four Varieties illustrated above for 20 Cents.

(For Celery Plants See End of Vegetable List).

One ounce will sow a bed of nine square yards and produce about 2,500 plants.

Sow the last of March or early in April, in an open border, in rich, mellow ground, in shallow drills, watering freely in dry weather. By rolling or pressing in the seed, the result will be more satisfactory than when covered. Cut the tops off once or twice before planting out, to make them stocky. When the plants are 5 or 6 inches high transplant, the dwarf varieties 3 feet and the taller sorts 4 feet between the rows; plant 6 inches apart in the rows. Cultivate well, and when large enough blanch by earthing up. This first operation is that of "handling"; after the soil has been drawn up with the hoe, it is drawn closer around each plant by the hand, to keep the leaves firm in an upright position and prevent spreading. When the plants have become "set" in an upright position, and the celery is wanted for early use, they should be "banked." This is done by throwing the soil up as close to the plants as possible with a plough and finishing it with a spade, bringing the earth up nearly to the top of the plants. If it is intended to store away for winter use, the "handling" process is all that is necessary, as the blanching will be done in the trenches. To store for winter use, select well-drained ground, dig trenches one foot wide and deep enough to cover the tops of the plants. Pack the stocks in this in an upright position, covering with boards to shed the water, and in severe weather protect with straw or leaves.

Rose Ribbed Paris Golden Self-Blanching — For description see novelties. Pkt 10c, oz 40c, $\frac{1}{4}$ lb \$1.25.

SIMMERS' "IMPERIAL"—For description see novelties. Pkt 10c, oz 50c.

Paris Golden Yellow Dwarf or Self-Blanching Large Solid—The heart is of a beautiful golden yellow color, very large, crisp and solid, keeping well all winter. It is entirely self-blanching without any covering whatever. No variety can surpass, if indeed equal the Paris Golden Yellow in striking appearance and delicious flavor. Per pkt 10c, oz 50c, 2 oz \$1.00, $\frac{1}{4}$ lb \$1.75, lb \$6.00.

Simmers' Special Dwarf White Winter—Solid, crisp, of excellent flavor, one of the best white varieties. The past season has again proved this celery to be the best adapted for the home or market on account of its dwarf habit and walnut flavor and keeping well until spring. Per pkt 10c, oz 50c, 2 oz 90c, $\frac{1}{4}$ lb \$1.50.

Simmers' Large Ribbed Dwarf White—The most perfect type of Dwarf White Celery known. It is perfectly distinct and is of a beautiful cream-white color; attains a very large size; is of quick growth; stiff, close habit, the outer ribs standing straight and perfect; a very solid, crisp-eating and delicious variety, keeping well until spring. Per pkt 5c, oz 30c, 2 oz 55c, $\frac{1}{4}$ lb \$1.00, lb \$8.00.

White Plume—Leaves somewhat like an ostrich feather, requires no banking up to blanch; highly recommended to all who wish to procure a first-class celery for early use. Per pkt 5c, oz 25c, 2 oz 40c, $\frac{1}{4}$ lb 75c, lb \$3.

"Pink Plume"—Similar to White Plume, except that the stalks are delicately marked with pink. It also has the rich, nutty flavor of red celeries. Pkt 5c, oz 30c, 2 oz 50c.

Giant Golden-Hearted Dwarf—An excellent Dwarf White variety, with fine nutty flavor, growing to a large size and keeping well all winter. Per pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{4}$ lb 60c, lb \$2.00.

Sandringham or Prince of Wales Dwarf White—An excellent dwarf-growing, very solid and crisp variety. Per pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{4}$ lb 60c, lb \$2.

Giant Pascal—It is of a fine nutty flavor, being entirely free from any bitter taste. It grows about 2 feet high; the stocks are very broad, thick and crisp, and entirely stringless; it bleaches with slight "earthing up" very quickly. Per pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{4}$ lb 60c, lb \$2.

New Rose—The color is a beautiful shade of rose of exceptionally fine flavor, solid, crisp. Per pkt 5c, oz 25c, 2 oz 40c, $\frac{1}{4}$ lb 75c, lb \$3.00.

Seymour's White Giant—A good very large variety, clear white, solid and crisp. Per pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{4}$ lb 60c, lb \$2.00.

White Solid—Good for general crop, fine nutty flavor, entirely free from hollow stems. Per pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c, lb \$1.50.

Carter's Incomparable Dwarf Crimson—Keeps well, and is of fine nutty flavor. Per pkt 5c, oz 30c, 2 oz 55c, $\frac{1}{4}$ lb \$1.00, lb \$3.00.

Turnip-Rooted Erfurt Giant, or Celeriac—Best variety grown, very good flavor. Per pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{4}$ lb 60c, lb \$2.00.

Flavoring Celery—Per oz 5c, $\frac{1}{4}$ lb 15c, lb 40c.



Simmers' Special White Dwarf Winter Celery, the best in cultivation for market gardeners and private gardens.

Buy the latest book on growing celery:

"CELERY FOR PROFIT."

Price 30c.

By T. GREINER.

First-class Seeds, of equal quality, cannot be bought anywhere for less money.

We know that SIMMERS' SEEDS are the BEST that grow.

SIMMERS'**SWEET CORN** FOR TABLE USE

N.B.—When ordered in the ear by mail, we shell it for convenience in packing. Special quotations given to canners and others requiring corn in quantity. SINGLE EARS OF ANY VARIETY 5c EACH. One pound will plant about 100 hills; one peck, one acre in hills.

EARLY VARIETIES

Simmers' First of All—Earliest of all, ready three days to a week earlier than Cory, in habit of growth it is more dwarf and of superior quality, very sweet and tender, a large number of the ears have 10 to 12 rows, while the Cory generally has 8 rows. Per pkt 5c, lb or pt 15c, qt 25c, 5 lbs 50c, 12 lbs \$1.00.

Mammoth White Cory—For description see novelties. Pkt 5c, per lb 20c, 2 lb 35c.

Kendel's Early Giant—This distinct variety of Sweet Corn combines more merit than any other early variety in cultivation. The ears grow to a very large size, measuring 8 to 10 inches long and having 10 to 18 rows on each cob, the majority having 12 rows; kernels pure white, sweet and tender. Pkt 5c, lb 20c, 2 lb 35c.

Nonsuch Sugar—Medium early, wonderfully productive, but above all, of the finest flavor. Per pkt 5c, pt 15c, qt 25c, 5 lbs 50c, 12 lbs \$1.00.

Early Red Cory—An excellent sort, very sweet and of rich flavor; desirable for private or market gardens, as it adds to its good qualities that of being extra early. Per pkt 5c, lb 10c, qt 20c, 5 lbs 45c, 12 lbs 90c.

Early White Cory—A selection of the Cory, of the same character in all respects, except that it has a white cob and kernels. Very early and a good variety. Per pkt 5c, pt 15c, qt 25c, 5 lbs 50c, 12 lbs \$1.00.

Early Minnesota—One of the best early varieties, dwarf habit and good quality. Per pkt 5c, lb or pt 10c, qt 20c, 5 lbs 45c, 12 lbs 90c.

Early Crosby Sweet—One of the largest early, rich sugary flavor, very productive. Per pkt 5c, lb or pt 10c, qt 20c, 5 lbs 45c, 12 lbs 90c.

Black Mexican Sweet—A black grained variety, sweet and tender. Must be cooked young to avoid blackening when cooked. Pkt 5c, lb or pt 15c, qt 25c, 5 lbs 50c, 12 lbs \$1.00.

MEDIUM EARLY VARIETIES

IMPROVED NE PLUS ULTRA (Country Gentleman)—The sweetest and most tender of all Sweet Corns, and one of the most productive sorts, the stalks averaging three ears, sometimes as many as five, kernels and cobs are pure white. Pkt 5c, pt or lb 10c, qt 20c, 5 lbs 45c, 12 lbs 90c.

Perry's Hybrid Sugar—Second early, with large ears, white, deliciously sweet and tender. Our stock for 1900 is selected. Per pkt 5c, lb or pt 15c, qt 25c, 5 lbs 50c, 12 lbs \$1.00.

Triumph—Said to be the earliest of the large varieties, flavor rich and sweet. Per pkt 5c, pt 15c, qt 25c, 5 lbs 50c, 12 lbs \$1.00.

Honey Sweet—A most productive variety, bearing three to four good large ears on a stalk, growing vigorously, and coming in as early as Moore's Concord. No market or private garden is complete without it. Per pkt 5c, pt 10c, qt 20c, 5 lbs 45c, 12 lbs 90c.

Moore's Early Concord Sweet—One of the largest early varieties. Per pkt 5c, lb or pt 10c, qt 20c, 5 lbs 45c, 12 lbs 90c.

LATE VARIETIES

New Early Evergreen—For description see Novelties. Pkt 5c, lb or pt 20c, qt 35c.

Zig Zag Evergreen—It comes in about eight days ahead of Stowell's Evergreen; the kernels very much resemble this variety, but grow on the cob in zig-zag fashion, hence its name. Pkt 5c, lb 15c, 2 lb 25c, 5 lb 50c, 12 lbs 90c.

Gold Coin—Very productive, yielding two mammoth ears to the stalk. The cob is snowy white, covered with large yellow grains. Per pkt 5c, lb 15c, qt 25c, 5 lbs 50c, 12 lbs 1.00.

THE 3 BEST SORTS OF SWEET CORN
For Succession

**EARLY WHITE CORY,
PERRY'S HYBRID,
STOWELL'S EVERGREEN**

STOWELL'S EVERGREEN—Large ears ripening late, and most delicious. Per pkt 5c, lb or pt 15c, qt 25c, 5 lbs 50c, 12 lbs \$1.00.

Egyptian Sweet, or Washington Market—A fine large variety, somewhat resembling the Evergreen, flavor particularly rich and sweet and of superior quality. Per pkt 5c, lb or pt 10c, qt 20c, 5 lbs 45c, 12 lbs 90c.

Mammoth Sweet—An excellent variety, producing unusually large and perfect ears. Per pkt 5c, lb or pt 10c, qt 20c, 5 lbs 45c, 12 lbs 90c.

Tuscarora White—This is a late variety with large ears and flour white kernels. Per pkt 5c, lb or pt 10c, qt 20c, 5 lbs 45c, 12 lbs 90c.

POP CORN

Pearl—Smooth-grained ears. Per pkt 5c, lb or pt 10c, qt 20c, 5 lbs 40c, 12 lbs 75c.

White Rice—A very early, fine, white variety, kernel pointed. Per pkt 5c, lb 10c, qt 20c, 5 lbs 40c, 12 lbs 75c.

French—Chou. COLLARDS German—Blätter-Kohl.

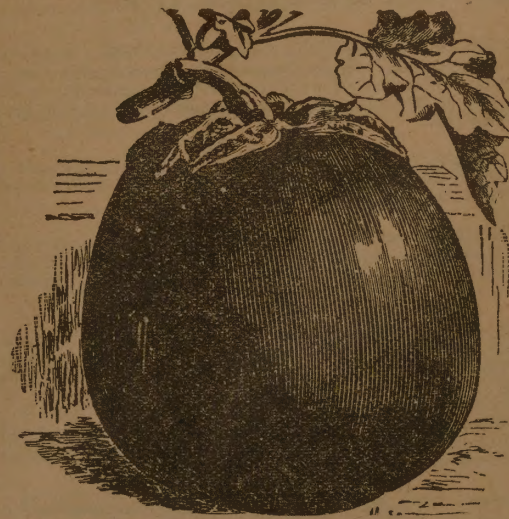
Georgia, Southern or Creole—Sow thick in drills, in rich ground, transplanting them when four inches high, or sow in drills where the plants are to remain, and thin to two or three feet apart in the row, when the proper size. Pkt 5c, oz 20c, 2 oz 30c, 1 lb 60c, 1 lb \$2.00.

EGG PLANT

One ounce will produce 1,000 plants

CULTURE—Sow in a hotbed for early crops, or very early in the spring in shallow drills in a warm, sheltered, dry situation, in the open ground, and protect by hand glasses. Transplant when warm weather sets in into well-enriched ground 12 in. apart and 20 in. from row to row; the fruit when ripe is sliced, well spiced and fried.

"The Pearl"—As large and fine as ever seen of any variety, with an attractive pure white skin, and the fruits are of finest quality either baked or fried. Pkt 10c, oz 50c.



The New York Improved Large Purple—Very choice, round, of deep color and large fruit. Plant robust. Pkt 10c, oz 50c.

Long Purple—Good for general use, very hardy, early and productive. Pkt 5c, oz 30c.

Long White—Very fine, highly ornamental. Pkt 10c, oz 60c.

Early Purple Dwarf—About 3 to 5 weeks earlier than any other variety. Pkt 10c, oz 50c.

Egg Plant, New York Improved

SPECIAL OFFER

By Mail Postpaid. At Buyer's Expense.
One packet each of the 3 kinds, 15c.....
One pint " " " 55c..... 40c
One quart " " " 90c..... 70c

CUCUMBER

GERMAN—Gurken

FRENCH—Concombre

Our Cucumber seed is Carefully Selected Stock Seed, pure and true to name. One Ounce will plant 60 Hills; Two Pounds will Plant One Acre.

FOR OPEN AIR CULTURE
—For early use sow as early as possible, in hotbeds, one hill with three plants in each sash. For the open ground sow in May in hills four or five feet apart each way, on very rich ground. Dig out four or five spadefuls of earth on the spot where you intend to plant the seed, and fill in some half rotten manure, which cover up some three or four inches high with some of the earth dug out. Three or four plants should be allowed to each hill. As the seed is apt to rot if the weather after sowing it turns wet and chilly, it is advisable to sprout the seed before sowing it in a small bowl, mixed with moistened sawdust, and placed under a stove for a few days; it is necessary to keep the sawdust continually moist.

Simmers' Improved Extra Early White Spine

—This Private Strain of Extra Early White Spine is, beyond a doubt, the most thoroughbred, uniform and shapely variety known. We recommend it not only for first early but for general crop. It excels in earliness, often being ready for slicing when other sorts are only pickles. In purity it is unequalled. The vines are vigorous growers. It is an excellent variety for slicing and makes a choice pickle; straight and smooth; a great bearer, keeps green much longer than the yellow varieties, and no sort excels in crispness and fine flavor. Selected Seed. Pkt 5c, oz 10c, 2 oz 15c, ½ lb 25c, 1b 90c.

The "Emerald"—For description see Novelties. Pkt 10c, oz 20c.

Early White Spine—Very desirable for general crop and largely used by market gardeners. Pkt 5c, oz 10c, 2 oz 15c, ½ lb 20c, 1b 60c.

Simmers' Improved Long Green—The best for general crop, fine long fruit, firm and crisp. Pkt 5c, oz 10c, 2 oz 15c, ½ lb 20c, 1b 60c.

Early Cluster—A short prickly variety, bearing in clusters and very prolific. Per pkt 5c, oz 10c, 2 oz 15c, ½ lb 20c, 1b 50c.

Early Frame—An old and popular variety of medium size, straight and handsome. Per pkt 5c, oz 10c, 2 oz 15c, ½ lb 20c, 1b 50c.

Westerfield's Chicago Pickling—It is exceedingly prolific, bearing small, well formed fruit, covered with spines, and of an unusual deep green. Per pkt 5c, oz 10c, 2 oz 15c, ½ lb 20c, 1b 50c.

Paris Pickling—The best of all in quality for pickling. The young cucumbers, when of the proper age for pickling, are slim and slender, from 3 to 5 inches in length. When ready for pickling they show absolutely no sign of seeds, and are of an unusually dark green color. Pkt 5c, oz 15c, 2 oz 25c, ½ lb 40c, 1b \$1.40.

White Wonder—About eight inches long; the skin is thin, while the pearly white flesh is exquisitely fine in quality, quite brittle and remains solid for a long time. Pkt 5c, oz 10c, 2 oz 15c, ½ lb 20c, 1b 60c.

"Cool and Crisp"—While primarily a pickling variety, it is also most useful for slicing, the cucumbers when fully matured being of good size and exceedingly tender and crisp. Per pkt 5c, oz 10c, 2 oz 15c, ½ lb 20c, 1b 60c.

Japanese Climbing—While all cucumbers are running vines, yet this variety is much more creeping or climbing in its habit. The quality is splendid and well adapted for pickling as well as for slicing. Pkt 5c, oz 10c, 2 oz 20c, ½ lb 30c, 1b 90c.

Livingston's Evergreen—A very strong grower, but extra early, and the best in flavor, bearing firm, crisp fruits, either for pickling or slicing. Per pkt 5c, oz 10c, 2 oz 15c, ½ lb 20c, 1b 75c.

Nichol's Medium Green—As a pickle for early forcing purposes or for slicing there is no better variety. It is exceedingly productive, of medium size, always straight and smooth. The color is dark green, the flesh tender and crisp. Per pkt 5c, oz 10c, 2 oz 15c, ½ lb 20c, 1b 60c.

Siberian—The earliest sort in cultivation, producing cucumbers five inches long in about 8 weeks. It is very productive and valuable for forcing. Pkt 5c, oz 10c, 2 oz 15c, ½ lb 20c, 1b 60c.



Boston Pickling, or Green Prolific—One of the best for Pickling, uniform size. Per pkt 5c, oz 10c, 2 oz 15c, ½ lb 20c, 1b 60c.

Early Russian or Moromian Gherkin—Producing fruit three to four inches long, in great abundance and in a very short time; superior to any other, flavor good. Per pkt 5c, oz 10c, 2 oz 15c, ½ lb 20c, 1b 50c.

The Pride of Canada—For forcing and out door culture, fine flavored fruit, of snow white texture, great length, containing but few seeds. Per pkt 10c, 3 pkts 25c.

Giant Pera—A long, smooth, straight, dark green cucumber, 13 inches long. Flesh white, crisp, tender and free from all bitterness. Pkt 5c, oz 10c, 2 oz 15c, ½ lb 20c, 1b 60c.

West India Gherkin or Burr—Only for Pickling. Pkt 5c, oz 10c, 2 oz 15c, ½ lb 30c, 1b \$1.00.

CHOICE ENGLISH SORTS FOR HOT BEDS OR GREENHOUSES

The Model—A very choice variety of recent introduction, producing handsome cucumbers of wonderful size. Per pkt 20c, ½ oz \$2.00.



Blue Gown—A very fine black spined variety, 18 to 24 inches long, smooth. Per pkt 20c, ½ oz \$2.00.

Rollison's Telegraph Cucumber

Marquis of Lorne—A highly esteemed variety of handsome form and fine flavor, 24 to 30 inches long. Per pkt 20c, ½ oz \$2.00.

Rollison's Telegraph—Very prolific, early, crisp and of superior quality. Per pkt 25c, ½ oz \$2.00.

Mixture—Of the foregoing English sorts highly recommended for forcing or outdoors. Pkt 10c, ½ oz \$1.75.

German—Knoblauch

GARLIC

French—Ail

Used for flavoring soups, stews, and other dishes. Garlic thrives best in a light, well-enriched soil; the sets should be planted in early spring in rows 1 foot apart, and from 1 to 5 inches in the rows.

Garlic Sets—Per oz 5c, per lb 20c. (Special rates for 5 lb lots).

GOURDS

Japanese Nest Egg—These exactly resemble in color, shape and size the eggs of hens, making a capital nest egg, which are superior to glass eggs, as they do not crack or break, and are uninjured by cold or wet. As the plant is a very rapid growing climber it is very useful for covering screens, etc. Per pkt 5c, oz 50c.

Dipper—Named for its resemblance to a dipper. The capacity varies from a pint to a quart, with handles 6 to 12 inches long. They are convenient for dipping hot liquids, etc. Per pkt 5c, oz 25c.

Luffa, or Dish Rag Gourd—A native of the East Indies, and in its nature has furnished us with a vegetable dish-cloth, the seeds being enveloped in a sponge like cloth, which is tough, elastic and durable. Per pkt 5c, oz 25c.

Sugar Trough—Very useful for baskets, dishes, buckets, etc., etc. They have hard thick shells, lasting for years, and capable of holding from 2 to 10 gallons each. Pkt 5c, oz 25c.

Mixture of the above—A collection of the most ornamental, including all the above. Per pkt 10c, 3 pkts 25c, 7 pkts 50c.

HORSE RADISH

Sets—(Good strong ones) ready for sale at any time. 10c each, 4 for 25c, 75c a doz.

LETTUCE

German—*Lattich Salat* French—*Laitue*
One ounce will sow 100 feet of drill

CULTURE—Lettuce requires a good soil in order to obtain the crispness, juiciness and delicate flavor for which they are so much esteemed. Several sowings are requisite during the season. The first may be obtained in a hotbed in February. A sowing may be made in the open ground as soon as it can be worked after this every two weeks until July, if a constant succession is required. Sow thinly, in drills or broadcast, quarter of an inch deep and transplant a foot apart in the richest soil, Hoe frequently, and in dry weather water plentifully.

Simmers' Nonpareil Cabbage—This remarkable variety, first introduced by us a few years since, has rapidly grown in popularity among gardeners who all agree in pronouncing it not only the best lettuce they have ever grown for forcing under glass in hotbed and greenhouse, but equally valuable for growing in cold frames and in open ground during the hottest summer months. It is a beautiful light yellowish green color and of very superior even quality. It has the peculiarity of forming a solid head, even before half grown. Its uniform, handsome and even growth is unequalled by any other lettuce. It is the shyest seeder and slowest to shoot to seed of any lettuce we have ever grown. It is decidedly the best and easiest grown of all lettuces for both the family and market gardener. Per pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{4}$ lb 60c, lb \$2.00

"Golden Queen"—For Description see Novelties. Per pkt 10c, oz 25c.

Grand Rapids—Of handsome appearance, a strong grower, very crisp and tender, and not apt to rot, and will keep from wilting longer than any other. Per pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 35c, lb \$1.25

Hanson—Producing heads of a remarkable size, tender and crisp, beautiful green without and white within, heads sometimes weighing 2 $\frac{1}{2}$ to 3 lbs. Per pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c, lb \$1.40.

The Gardeners' Favorite—One of the best heading varieties, suitable either for forcing or outdoor cultivation; heads large and solid. Per pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c, lb \$1.50.

Toronto Market—Heads large, very solid and good flavored; color yellowish-green and suitable for forcing and open air cultivation. Pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c, lb \$1.50.



Grand Rapids Lettuce

Asparagus Lettuce—The leaves are long and conical, often 18 inches high, which become as stiff, crisp and sweet as celery stalks, and are delicious when eaten in the same manner or prepared for salad. The mid-ribs can also be prepared and served up as Asparagus. Per pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 35c, lb \$1.40.

Simpson's Early Curled Cabbage—Suitable for forcing. Per pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 35c, lb \$1.40.

Green Curled Silesian—A very ornamental and most beautiful variety, of a very delicate shade of green, with the inner part of the leaves white; the edges are beautifully cut and fringed. Per pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 35c, lb \$1.20.



Kohl Rabi

KOHL RABI

German—*Kohl Rabi* French—*Chou-rabe*

A vegetable intermediate between the Cabbage and the Turnip. It is best cultivated by sowing the seeds in rows in May, June and July, according to latitude. In this district we sow through June for succession, in rows 18 inches apart, thinning out to 8 inches between the plants. It is rather difficult to transplant and it is generally preferable to sow the whole crop from seed and thin out where it stands, although when the weather is favorable the thinnings may be planted at the distances above mentioned.

Early White Vienna—Flesh white and tender, best market sort, excellent for table use. Per pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{4}$ lb 60c, lb \$2.00.

Early Purple Vienna—Similar to the preceding except in color. Per pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{4}$ lb 60c, lb \$2.00.



Simmers' Nonpareil Cabbage Lettuce

Big Boston—This variety is identical in color, shape and general appearance with the famous Hanson Cabbage lettuce, but is double the size. It is but one week later in maturing, but its solidity and greater size of head will make it a most desirable variety either for forcing in cold frames or open ground planting. Pkt 5c, oz 20c, 2 oz 30c, $\frac{1}{4}$ lb 50c, lb \$1.75.

New Cos Celery Lettuce—Trianon Self-Closing—The long narrow leaves which form solid heads, almost like a Wakefield Cabbage, bleach and quickly become snowy white. They excel all other Lettuce in quality, having a taste and crispness unequalled. The leaves when bleached are stiff like celery stalks and can be eaten in the same manner. Per pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c, lb \$1.50.

Paris White Cos—Tender and Crisp, should be tied up to ensure blanching. Per pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c, lb \$1.50.

Paris Green Cos—Hardy and tender, one of the best of the Cos varieties. Per pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c, lb \$1.50.

Denver Market—It forms large solid heads of a good light green color, and is very slow to go to seed. The leaves are beautifully marked and blistered (like the Savoy Cabbage) and very crisp and tender and of excellent flavor. Per pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c, lb \$1.50.

Silverball Cabbage—This Lettuce produces a beautiful head, very firm, solid and compact, with handsomely curled leaves. The head is of an attractive silvery-white color, very rich, buttery, and of most delicious flavor. Per pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{4}$ lb 60c, lb \$2.00.

Green Fringed, or California Curled—Per pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 35c, lb \$1.25.

Tennis Ball—Per Pkt 5c, oz 15c 2 oz 25c, $\frac{1}{4}$ lb 40c, lb \$1.50.

Drumhead, or Maltese Cabbage—Per pkt 5c, oz 10c, 2 oz 20c, $\frac{1}{4}$ lb 30c, lb \$1.00.

Victoria Red-Edged Cabbage—Pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 35c, lb \$1.40.

LEEK

German—*Lauch* French—*Poireau*
(One ounce will sow a drill of about 100 feet.)

CULTURE—The leek is very hardy and easily cultivated; it succeeds best in light but well enriched soil. Sow as early in spring as practicable in drills one inch deep and one foot apart. When six or eight inches high they may be transplanted in rows ten inches apart each way, as deep as possible, but the neck being covered, may be blanched.

Large Scotch or Broad Leaved Flag Per pkt 5c, oz 15c, 2 oz 20c, $\frac{1}{4}$ lb 30c, lb \$1.00.

Large Musselburgh Per pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c, lb \$1.50.



Leek

4 Best Lettuce

NONPAREIL CABBAGE
GRAND RAPIDS
GREEN CURLED SILESIA
BIG BOSTON

Each 5 Cents a Pkt or the 4 for 15 Cents

Simmers' Muskmelons

German—Melonen.

French—Melon.

(One ounce will Plant about 80 hills.)

CULTURE—Melons thrive best in a light, rich soil. Plant early in May, when the ground has become warm and dry, in hills 6 feet apart each way for Muskmelons, 8 feet for Watermelons. Previous to sowing the seed, mix a few shovelfuls of well-rotted manure in each hill, and plant in each 12 to 15 seeds; after all danger of bugs is over thin out to 3 plants per hill. When about 1 foot long pinch off the tips to make them branch, as it strengthens the growth of the vines, and makes the fruit mature earlier. Be careful not to plant pumpkins or squashes near them as they will hybridize. A few hills for early use, may be had by sowing on pieces of sod in a hotbed, and when warm enough transplant to open ground.

Paul Rose—For description see novelties. Pkt 10c, 3 pkts 25c, oz 40c, 2 oz 70c.

Simmers' Dominion Green Flesh—The fruit is nearly round, flattened at the ends, deeply and very regularly ribbed; skin green, densely netted; flesh remarkably thick, light green, melting and of a delicious flavor. They are very regular in shape, and uniformly grow to a large size. To all who raise, to

grow the handsomest possible melons for exhibition, or extra large fine melons for market, we highly recommend the Dominion Green Flesh. Per pkt 10c, oz 50c, 2 oz 75c, ¼ lb \$1.00, 1 lb \$4.00.

Tip-Top—Quite distinct in appearance, this new Melon is of the finest quality. Flesh yellow, sweet, juicy and firm, but not hard fleshed. Fruit ribbed and beautifully netted, a very productive and excellent variety. Pkt 5c, oz 15c, 2 oz 20c, ¼ lb 30c, 1 lb \$1.00.

"Perfected Delmonico"—The Melons average about 6 inches in diameter, have a very small seed cavity, and are exceedingly thick and heavy for their size.



Tip-Top Musk Melon

The flesh is a deep rich orange-yellow color, and of very fine grain, without the slightest stringiness. A strong, hardy grower and very prolific. Pkt 5c, oz 15c, 2 oz 20c, ¼ lb 30c, 1 lb \$1.00.

"The Newport"—The Newport Melon, while small, is very deep fleshed, and of a dark green color. The "Newport" stands in the same relation to the green-fleshed melons that the "Banquet" does to the red-fleshed, in every respect the best. Per pkt 5c, oz 15c, 2 oz 20c, ¼ lb 30c, 1 lb \$1.00.

Princess—Nearly round in shape, heavily netted, dark green skin. The flesh is of a rich salmon color, thicker than in any other melon, and in flavor is sweet and luscious beyond description. They ripen early and grow to a good size, frequently weighing from 8 to 10 lbs each; vines grow vigorously and are very productive, often producing 6 to 8 perfect melons on a single vine. Per pkt 5c, oz 15c, 2 oz 20c, ¼ lb 30c, 1 lb \$1.00.



Simmers Dominion Green Flesh Muskmelon

The Banquet—A good medium sized melon, very flat at both ends, and more beautifully netted than any other variety. In quality it is unequalled; the flesh is uniformly deep, color dark rich salmon. It is undoubtedly one of the most beautiful and luscious melons. Per pkt 5c, oz 15c, 2 oz 20c, ¼ lb 30c, 1 lb \$1.00.

Emerald Gem—This variety is of rich, delicious flavor and fine quality. Distinct, very early and prolific; skin ribbed, yet smooth, and of a deep emerald green, with a few lighter-colored stripes. The flesh is thick, of a suffused salmon color. Specially recommended to those who wish a highly-flavored fruit. Per pkt 5c, oz 10c, 2 oz 15c, ¼ lb 25c, 1 lb 80c.

Montreal Green Nutmeg—A beautiful, round, netted deep ribbed variety, luscious and sweet, ripening freely under ordinary care, and fruit of enormous size, sometimes weighing from 30 to 40 lbs. Per pkt 5c, oz 10c, 2 oz 15c, ¼ lb 25c, 1 lb 80c.

Extra Early Netted Gem, Oval Strain—One of the earliest, best and most prolific small Melons. Oval shape, uniform in size; flesh light green, of very fine flavor; a popular variety with market gardeners, as it is very uniform and an excellent shipper. Pkt 5c, oz 15c, 2 oz 20c, ¼ lb 30c, 1 lb \$1.



Extra Early Netted Gem Muskmelon

Jersey Belle—Although not quite as early as the Hackensack, does best on light soils, and will develop perfectly even on white sand. It is of beautiful shape, a little flattened on the ends, deeply ribbed and heavily netted, indicating, by its outward appearance, the exquisite quality of the beautiful green flesh within. Pkt 5c, oz 10c, 2 oz 15c, ¼ lb 25c, 1 lb 80c.

Early Hackensack—A variety of the green Muskmelon, grows to a large size, very productive and of exquisite flavor. Per pkt. 5c, oz 10c, 2 oz 15c, ¼ lb 25c, 1 lb 80c.

Bay View—A large, prolific, and fine-flavored, green-fleshed melon; with ordinary cultivation this variety has produced melons weighing from 10 to 15 pounds. Per pkt. 5c, oz 10c, 2 oz 15c, ¼ lb 25c, 1 lb 80c.

Improved Christiana—The earliest Muskmelon known, green flesh, netted and exquisite flavor. Per pkt. 5c, oz 15c, 2 oz 20c, ¼ lb 30c, 1 lb \$1.

Persian or Casawba—Oblong, netted, green flesh, early delicious flavor, recommended for garden. Per pkt 5c, oz 10c, 2 oz 15c, ¼ lb 25c, 1 lb 80c.

Miller Cream or Osage—A remarkably good variety, of large size and delicious flavor, flesh rich salmon, very thick and solid. Per pkt 5c, oz 15c, 2 oz 20c, ¼ lb 30c, 1 lb \$1.

Early Yellow Cantaloupe—Very fine flavor, flesh reddish orange, an early and productive variety. Per pkt 5c, oz 10c, 2 oz 15c, ¼ lb 20c, 1 lb 80c.

Surprise—Red flesh. Per pkt 5c, oz 10c, 2 oz 15c, ¼ lb 20c, 1 lb 80c.

Skillman's Fine Netted—The best early kind, green flesh and luscious flavor. Per pkt 5c, oz 10c, 2 oz 15c, ¼ lb 20c, 1 lb 80c.

Mango Melon, Vegetable Peach (Vine Peach)—The fruit is about the size of a large peach or orange, oval-shaped, and of a bright orange-yellow color, somewhat russeted outside, flesh is snow-white. For sweet pickles, pies or preserving they are superb. Per pkt 5c, oz 10c, 2 oz 20c, ¼ lb 30c, 1 lb \$1.

Garden Lemon

Resembles the Vegetable Peach in growth and shape of fruit, but is distinct in that the unripe fruit is striped with very dark green, almost black, while the vegetable peach is plain, and when ripe is not russeted like the Mango Melon. Per pkt 5c, oz 10c, 2 oz 15c, ¼ lb 30c, 1 lb \$1.

Citron

Citron—For preserves, striped and marbled light green, flesh white and solid. Pkt 5c, oz 10c, 2 oz 15c, ¼ lb 25c, 1 lb 80c.

"Colorado Preserving"—Most prolific, flesh firm and solid, large size, preserving qualities the best. Per pkt 5c, oz 10c, 2 oz 15c, ¼ lb 25c, 1 lb 80c.



Citron for Preserving

WATERMELONS

German—Wasser Melone
(One ounce will plant about 50 hills)

French—Melon d'eau



Cole's Early Watermelon

CULTURE.—Same as Muskmelon.

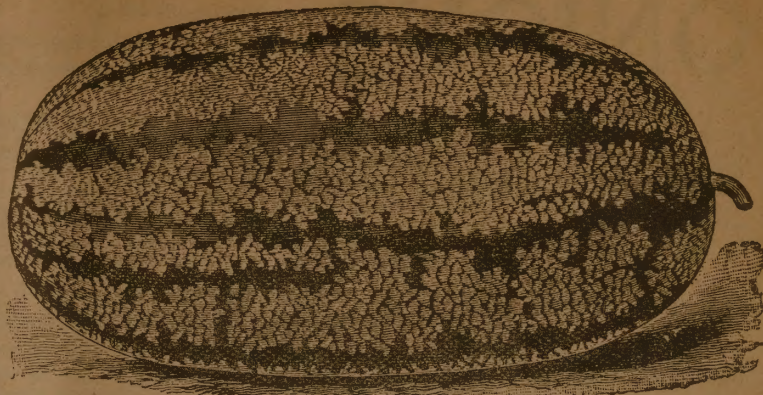
Vick's Early—Oblong, smooth, rather small, flesh bright pink, solid, sweet and the earliest melon known. Pkt 5c, oz 10c, 2 oz 15c, ½ lb 30c, lb \$1.00.

COLE'S EARLY—Very hardy, a sure cropper, and extremely delicate texture of flesh, which is of a dark red color; rind is thin and exceedingly brittle. We highly recommend it for home use. Medium size, nearly round in shape; rind green, striped with lighter shades. Pkt 5c, oz 10c, 2 oz 15c, ½ lb 30c, lb \$1.00.

Stoke's Extra Early—This distinct melon is, without doubt, the earliest of all. Their shape is nearly round, dark green skin, slightly mottled with white. The flesh is deep scarlet, remarkably solid and in delicious sugary flavor is unsurpassed by any other melon. Their average weight is about fifteen pounds. The seed is very small, being only about half the size of other melon seeds. They are also much more productive than the larger sorts. Pkt 5c, oz 10c, 2 oz 15c, ½ lb 30c, lb \$1.00.

McIver's Sugar—A large, oblong melon of handsome appearance; skin shows broad bands of white, with narrower ones of green. Its soft pink flesh is crisp and juicy, and solid to the centre. Pkt 5c, oz 10c, 2 oz 15c, ½ lb 30c, lb \$1.00.

Nabob—A very large, solid, heavy melon, of splendid keeping qualities. Slightly oblong in shape, with a little depression at the bloom end of eye. Color dark green, peculiarly mottled with light green spots, which might suggest irregular carving. Medium early and of magnificent large keeping qualities. Pkt 5c, oz 10c, 2 oz 15c, ½ lb 30c, lb \$1.



McIver's Sugar, the sweetest Melon grown

Seminole—Large size and delicious flavor. Flesh a vivid crimson color; crisp and sugary. The melons are of two colors—gray and light green, the latter a darker coloring of the former. Melons of both colors are found on the same vine, and are exactly the same in shape, size, color of seed, flavor and quality. Per pkt 5c, oz 10c, 2 oz 15c, ½ lb 20c, lb 75c.

Improved Long Dixie—A cross between Kolb's Gem and Mountain Sweet, surpassing the former in shipping qualities, and fully equalling the latter in fine eating quality and flavor, being a week to ten days earlier than either with a remarkably thin rind almost impenetrable, which preserves it for a great length of time. Per pkt 5c, oz 10c, 2 oz 15c, ½ lb 20c, lb 75c.

Kolb's Gem, or American Champion—Flavor of the best, with red core, keeping qualities very good, melons attaining a size of 25 to 50 pounds. Per pkt 5c, oz 10c, 2 oz 15c, ½ lb 20c, lb 75c.

Long Island—Red core, a large variety, very popular, sweet and luscious. Per pkt 5c, oz 10c, 2 oz 15c, ½ lb 20c, lb 75c.

Cuban Queen—Beautifully striped, bright red flesh, solid, luscious, crisp and sugary. Per pkt 5c, oz 10c, 2 oz 15c, ½ lb 20c, lb 75c.

Black Spanish Early—Red core, very delicious, skin dark green. Per pkt 5c, oz 10c, 2 oz 15c, ½ lb 20c, lb 75c.

Mountain Sweet—Fruit oblong, dark green, rind thin, solid, very sweet and delicious. Per pkt 5c, oz 10c, 2 oz 15c, ½ lb 20c, lb 75c.

Phinney's—Oblong, bright red flesh, sweet, tender, well flavored, very productive and early. Per pkt 5c, oz 10c, 2 oz 15c, ½ lb 20c, lb 75c.

Mustard—(One ounce will sow about 30 feet of drill.)

German—Senf. French—Moutarde.

CULTURE.—Sow rather thickly, in rows, in a hotbed, as early as possible in the spring, or in the open ground in May. Repeat the sowing about every fortnight for a succession. It is cut and mixed with cress for salad when about two inches high.

White—For salad or medicinal purposes. Pkt 5c, oz 10c, ½ lb 15c, lb 30c.

Brown—For seasoning, more pungent in flavor than the White. Pkt 5c, oz 10c, ½ lb 15c, lb 30c.

New Chinese—Leaves twice the size of the ordinary white Mustard, stems more succulent, of deeper green; flavor pleasantly sweet and pungent. Pkt 5c, oz 10c, 2 oz 15c, ½ lb 30c, lb \$1.

Nasturtium, or Indian Cress.

(One ounce will sow about thirty feet of drill.)

CULTURE.—Sow about the middle of May in the open ground, one inch deep in patches, and train them to sticks. The seed when young and tender are picked as a substitute for capers, to which some prefer them. The leaves are eaten in salad and are very tasty; are also used as a garnish.

Tall Mixed Nasturtium—Pkt 5c, oz 10c, 2 oz 15c, ½ lb 30c, lb \$1.

Dwarf Mixed Nasturtium—Pkt. 5c, oz 15c, 2 oz 25c, ½ lb 40c, lb \$1.40.



PHOTOGRAPH OF MUSHROOMS (grown from our Spawn)

German—Champignonbrot.

MUSHROOMS

French—Champignon.

The general use of Mushrooms as a delicious and wholesome dish has been somewhat limited, owing to the extremely high price this article generally commands in the market. But there is no excuse why everyone, that has a few feet available, may it be in a dark cellar, barn or shed, where the temperature can be maintained at from 50 to 60 degrees, should not have his table abundantly supplied with Mushrooms throughout the greater part of the year. It is only a question of time when, instead of being a luxury, Mushrooms will be as commonly served with our meats as onions are to-day. Considering the abundance of the necessary materials in all parts of our country, both in city and farm, and the high estimation in which the Mushroom is held, it is plainly demonstrated that the cultivation of Mushrooms is in its infancy in our country. The best results have been obtained by the use of our superior English Mushroom Spawn, known as J.A.S. or J.A.

Simmers' Prolific, which is largely used by the most successful growers around Toronto. Full and explicit instructions are contained in our circular, "How to Grow Mushrooms Successfully," which we will mail for 10c, or free with orders for two bricks.

Imported English Spawn—Made up in large bricks, 25c each, 5 for \$1.10 for \$1.90, postpaid. By express—Per doz \$1.50, per 25, \$2.50.

Imported French Spawn—Loose, in two boxes, of the size generally wanted by Mushroom growers, \$1 each, postpaid, \$8.50 per dozen boxes. In boxes for small gardens, 50c each.

Martynia—*Martynia Proboscidea*—The best variety for pickles. Sow in May or June, at least three feet apart. Pkt 5c, oz 30c, 2 oz 55c, ½ lb \$1, lb \$3.

SPECIAL OFFER—Tip Top Musk Melon, Jersey Belle Musk Melon, Citron for Preserves, McIver's Sugar Watermelon **ONE PACKET EACH FOR 15 CENTS.**

ONIONS

GERMAN—Zwielbel

FRENCH—Oignon

(One ounce will sow 100 feet of drill;
4 pounds is sufficient for an acre).

CULTURE.—The onion thrives best in a rather deep, rich, loamy soil, and, unlike most vegetables, succeeds well when cultivated on the same ground for successive years. The best culture requires that the ground should be deeply trenched and manured the previous autumn, and laid up in ridges during the winter to pulverize. As early in the spring as the ground is in working order, commence operations by levelling the ground with a rake, and tread it firmly; sow thinly, in drills about a quarter of an inch deep and one foot apart; cover with fine soil and press down with the back of a spade or a light roller. When the young plants are strong enough, thin gradually so that they stand three or four inches apart. Keep the surface of the ground open and free from weeds by frequent hoeing, taking care not to stir the soil too deeply, or to collect it about the growing bulbs.

ATTENTION! Choice selected stocks of Onion seed, such as we offer, are scarcer this season than they have been in years. We do not think seed of equal quality can be bought anywhere for less money. If you are offered First-Class Seed at lower prices, kindly send us list of varieties and quantities when we will quote Special Prices by letter.

Yellow Varieties

Large Yellow Globe Danvers—The most popular yellow onion all over the country. Our strain of seed has been selected most carefully, the flatter onions being thrown out. The name "Globe" in this connection must be taken comparatively, as the **True Danvers Onion** is never so perfectly globe-shaped as the **Southport Yellow Globe**. All the perfectly globe-shaped varieties are later maturing than **The Yellow Globe Danvers**. We cannot too strongly recommend our seed of this variety; from careful trials we know it is unsurpassed by any strain. The onions from which our seed is raised are selected on the following points: Earliness of maturity, extra large size, even and handsome form, thin neck and best keeping qualities.

Per pkt 5c, oz 15c, 2 oz 25c, ½ lb 35c, lb \$1.30.

Large Yellow Flat Danvers—In quality, size and productiveness, equal to the preceding, but flat in shape. Per pkt 5c, oz 15c, 2 oz 25c, ½ lb 35c, lb \$1.30.

Large Yellow Strasburg, or Dutch—One of the oldest varieties, good keeper and fine flavored. Per pkt 5c, oz 15c, 2 oz 25c, ½ lb 35c, lb \$1.30.



Simm器的 Large Yellow Globe Danvers Onion

PRIZE TAKER ONION—True American Grown—This is a large beautiful Spanish Onion that is offered for sale in the fruit stores and in the markets of all large cities. They are of enormous size, averaging 14 to 16 inches in circumference. Although of such great size, it is very hardy, and a very fair winter keeper. The outside skin is of a rich yellow color, while the flesh is white, sweet and tender. In market it attracts marked attention, and sells readily at about double the price of any other sort. Beware of imported spurious seed. (See cut).

Per pkt 5c, oz 15c, 2 oz 30c, ½ lb 45c, lb \$1.60.

Southport Yellow Globe—Same shape as White Globe, color yellow, an excellent keeper. Our stock of this is perhaps the finest in the country. Per pkt 5c, oz 15c, 2 oz 25c, ½ lb 40c, lb \$1.40.

Giant Yellow or Lemon Rocca—Very handsome shape with flattened top. They grow to measure five inches in diameter. Per pkt 5c, oz 15c, 2 oz 25c, ½ lb 45c, lb \$1.60.

Australian Brown Onion—Is of medium size, wonderfully hard and solid, and most attractive for market, both as to form and appearance. They are extremely early in ripening, and never make any stiff-necks or scallions. Every seed seems to produce a good-sized onion, and the bulb begins to form very quickly.—when the plant is not over three inches high. Planted with the Red Wethersfield, it proved to be nearly four weeks earlier and ripened off more uniformly. From its firmness and hardness, it will keep in good condition longer than any other Onion known. The color of the skin is a clear amber-brown. So widely contrasted from any other Onion is this color that it will be noticed on market, and when once bought, purchasers will most likely call again for "those beautiful brown onions." Per pkt 10c, oz 20c, 2 oz 30c, ½ lb 50c, lb \$1.90.

The "NEW ONION CULTURE." Useful Edition. Price 50c, Postpaid.

If you use ONION SEED in large quantities, please state how much and let us quote you.



Large Yellow Strasburg or Dutch Onion

Red Varieties

Large Red Wethersfield—The most profitable Red Onion for the market gardener, as it is the heaviest yielder, 600 to 800 bushels having frequently been harvested on a single acre from seed sown in spring. It is of good strong flavor, the best keeper and an excellent shipper. It grows to good size, single onions often weighing from one to two pounds apiece. In short, it is the best Red Onion for everybody. Our strain is unsurpassed, the seed we offer having been saved from the largest onions of perfect shape, deepest color and thinnest neck. Per pkt 5c, oz 15c, 2 oz 25c, ½ lb 35c, lb \$1.30.

Extra Early Red—Quite distinct and true (American growth) about ten days earlier than the preceding. Per pkt 5c, oz 15c, 2 oz 25c, ½ lb 40c, lb \$1.50.

Red Victoria—The skin is deep blood red, flesh white and of sweet, mild flavor. Per pkt 5c, oz 15c, 2 oz 30c, ½ lb 50c, lb \$1.75.

Giant Brown Rocca—Very large and globular, light brown skin and delicate flavor. Per pkt 5c, oz 15c, 2 oz 25c, ½ lb 45c, lb \$1.60.

Mammoth Pompeii—This excellent Italian variety grows to an enormous size. Onions weighing from 4 to 5 pounds each have been grown of this variety. The skin is a delicate red and the flesh is close grained and nearly white. It is of a very mild flavor. Per pkt 5c, oz 20c, 2 oz 35c, ½ lb 60c, lb \$2.00.

Red Tripoli—Excellent quality. Pkt 5c, oz 15c, 2 oz 25c, ½ lb 45c, lb \$1.60.

Large Red Madeira—Large, tender and a good keeper. Per pkt 5c, oz 15c, 2 oz 25c, ½ lb 45c, lb \$1.60.

SPECIAL OFFER of ONION SEED

1 PACKET EACH FOR 15c

• Yellow Globe Danvers
• Large Red Wethersfield
• Prize Taker
• White Barletta Pickling



Southport Yellow Globe Onion



Large Red Wethersfield Onion

Simmers' Onion Seeds



Mammoth Silver King Onion (White)

White Varieties

Southport White Globe—Handsome globular onion, of mild flavor, good keeper, one of the best. Per pkt 5c, oz 20c, 2 oz 35c, ½ lb 60c, lb \$2.00.

Largest White Portugal—Mild flavor, good keeper, extensively grown for market. Per pkt 5c, oz 20c, 2 oz 35c, ½ lb 60c, lb \$2.

Large French or Welch—This variety should be sown in August; it is excellent for salads. Per pkt 5c, oz 15c, 2 oz 25c, ½ lb 45c, lb \$1.00.

White Victoria Onion—Skin and flesh pure white, of sweet mild flavor. Per pkt 5c, oz 20c, 2 oz 35c, ½ lb 60c, lb \$2.

Mammoth Silver King (White)—The bulbs are of attractive form, flattened but thick through, bulbs often weigh from 2½ to 4 lbs each; the skin is a beautiful silvery white. Flesh is snowy white, and of a particularly mild and pleasant flavor, so sweet and tender is the flesh that it can be eaten raw like an apple. (See cut). Per pkt 5c, oz 20c, 2 oz 35c, ½ lb 60c, lb \$2.25.

White Pearl—One of the earliest varieties, of a pure white color, mild flavor and attractive appearance. Per pkt 5c, oz 20c, 2 oz 35c, ½ lb 60c, lb \$2.25.

White Tripoli—Excellent quality. Per pkt 5c, oz 20c, 2 oz 35c, ½ lb 60c, lb \$2.

White Pickling Varieties

White Barletta—This variety is most distinct on account of its great earliness. It is three weeks earlier than the *White Queen*. It is of a beautiful waxy white color, and grows 1½ in. in diameter ¾ in. thick, with finely formed bulbs, flattened at top. Its earliness highly recommends its use as a substitute for Onion Sets, and it is without a rival for pickles. Per pkt 5c, oz 20c, 2 oz 35c, ½ lb 60c, lb \$2.25.

Small White Nocera—The finest for pickling, very small and round, pure white. Per pkt 5c, oz 20c, 2 oz 35c, ½ lb 60c, lb \$2.00.

Silverskin—A handsome onion of mild flavor, extensively grown for pickling. Per pkt 5c, oz 20c, 2 oz 35c, ½ lb 60c, lb \$2.00.

White Queen—Remarkable for its extreme earliness and very mild flavor, it is small and white skinned; much liked for pickling. Per pkt 5c, oz 20c, 2 oz 35c, ½ lb 60c, lb \$2.00.



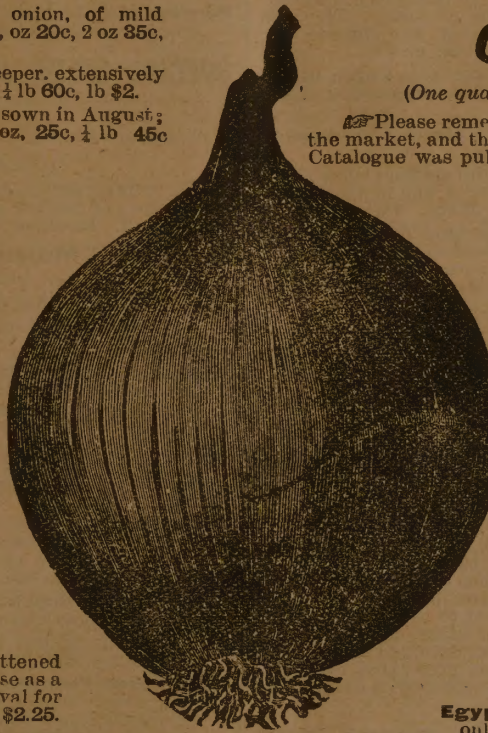
Onion Sets

Our Prices

on packets include postage; prices on pints, quarts, etc., are not unless otherwise mentioned. If to go by mail, postage should be added at the rate of 4c per pint and 8c per quart to these prices.

Sow
Simmers'
seeds

and
Reap
Rich
rewards



Red Victoria Onion



Onion "Prize Taker"

ONION SETS

(One quart of Sets is needed for 100 feet of drill).

Please remember that Onion Sets are subject to fluctuations of the market, and the prices quoted below are those of the time when this Catalogue was published, and are not binding throughout the season.

White Multiplier Onion Sets—Are of a pure silvery white color, enormously productive, frequently producing as many as twenty bulbs in a single cluster from a single bulb planted; of excellent quality and size for bunching green, or can be ripened for use as pickling onions. Their keeping qualities are remarkable, but their most important quality is their extreme earliness, being ready for market from three to four weeks ahead of other onion sets. Pt 15c, qt 25c, 2 qts 45c, 4 qts 90c, postpaid. Peck \$1.25, bush \$4.50, carriage extra.

Yellow Onion Sets (Dutch Sets)—Pt 10c, qt 20c, 2 qts 35c, 4 qts 60c, postpaid; peck \$1, carriage extra.

White Onion Sets (Dutch Sets)—Pt 15c, qt 25c, 2 qts 50c, 4 qts 90c, postpaid; peck \$1.50, carriage extra.

English Potato Onion Sets—The real English multiplier. 1b 15c, 2 lbs 25c, 4 lbs 50c, postpaid; peck \$1.25, carriage extra.

Top or Button Onion Sets (Red and Yellow)—Pt 20c, qt 35c, 2 qts 65c, postpaid.

Shallots, or Multiplier Onion Sets—For early spring use. Qt 20c, 2 qts 40c, 4 qts 80c, postpaid; peck \$1.10, carriage extra.

Egyptian or Perennial Tree Onion—For fall delivery only. Grows for years without any protection or care, except to keep down weeds. It starts so early in the spring that it is ready for use long before any other onions can be had. It is mild flavored, sweet and tender. Bulbs divide into 15 or 20 small onions in one bunch. **Very early and profitable for market gardeners.** Pt 10c, qt 15c, 2 qts 25c, postpaid; peck 60c, carriage extra.

SPECIAL OFFER

One pint each White and Yellow Dutch Sets, by mail, postpaid..	\$0 25
One quart " " " " " " " " " " " "	0 40
Four quarts " " " " " " " " " " " "	1 40

Please write us for prices on bushels lots of Onion Sets (prices fluctuate) and we will quote lowest market rates.



Early Small White Silverskin Onion for Pickling



White Multiplier Onion Sets

Good Onion Seed is of the utmost importance. Simmers' Onion Seed is unexcelled.

German—Pfeffer

PEPPER

French—Piment

(One ounce of seed will produce 2,000 Plants.)

Improved Bull Nose or Large
Squash or Bell Pepper

CULTURE—Peppers are sown as early as possible in Spring, in a hotbed or warm room, quarter of an inch deep, and transplanted about the middle of May, in drills 18 inches apart each way, or in hills with plenty of rotten manure at the bottom. The soil must be rich and strong, and in the course of the summer an occasional watering with liquid manure or a moderate solution of guano will be beneficial.

Improved Bull Nose or Large Squash or Bell—Of mild flavor, favorite sort for pickling and for use in the natural state. Pkt 5c, oz 30c.

Long Cayenne—Best for pickles, pods small, cone-shaped, pkt 5c, oz 30c.

Long Red—Pods brilliant red, 2 to 4 inches in length. Pkt 5c, oz 40c.

Monstrous or Grossum—Remarkably large and irregular in shape, sweet and thick flesh. Pkt 5c, oz 40c.

Procopp's Giant—They are of a brilliant scarlet color, flesh fully one-half inch in thickness. In flavor they are just hot enough to be pleasant to the taste. Each plant ripens from eight to twelve perfect fruits, from eight to ten inches long by three inches thick. Pkt 5c, oz 40c.

Celestial—The plant begins to set its fruits early in the season, and continues until frost, branching freely and bearing profusely. They are from two to three inches long, of clear, sharp flavor, and superior for any of the uses to which a pepper can be put. Pkt 5c, oz 40c.

Sweet Spanish—Fruit obtusely conical, often four inches in length, nearly three inches in diameter, glossy scarlet at maturity, the earliest of all, sweet, mild and pleasant. Pkt 5c, oz 40c.

Small Red Chili—Fruit very piquant and small, about two inches in length. Pkt 5c, oz 30c.

Mammoth Golden Queen or Mango—Beautiful golden-yellow color, very sweet, of dwarf growth, with very large fruit, and in productiveness surpasses any other variety, free from fiery flavor. Pkt 5c, oz 30c.

Black Nubian Pepper—The peppers are of a deep blue-black, appearing nearly coal-black, while the stalks of the plant are also black, bearing deep purple flowers, and the fruit as it ripens turns to a rich maroon. Superior for pickling at any stage, and when ripe are of a very sharp pungent flavor. Pkt 5c, oz 40c.

PARSNIPS

Ger—Pastinake Fr—Panais
(One ounce will sow about 150 feet of drill.)

CULTURE—Parsnips succeed best in a deep, free, rich soil; that having been heavily manured for previous crops should be selected, and if manure must be used, let it be well decomposed. Sow in drills 15 to 18 inches apart, as early in the spring as possible, thin out, leaving six inches between them. The roots are hardy and are improved by frost, and it is usual to take up sufficient in the fall for winter use, leaving the rest in the ground until spring to be dug up as required; they are valuable for the table as well as for dairy stock.

Large Long Smooth Dutch Hollow Crowned—Roots long, tender, free from side shoots, excellent flavor. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, lb 50c.

Improved Guernsey, or Half Long—A very fine and improved strain, which has given general satisfaction. The roots do not grow so long as the Hollow Crown, but are of greater diameter and more easily smooth, the flesh fine grained, and of excellent quality. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, lb 50c.

Early Round—A short variety, crown broad and rounded, somewhat hollow at the insertion of the leaves, very fine flavored. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, lb 50c.

OKRA or GUMBO

Ger.—Essbarer Fr.—Gombo
(One ounce will plant 100 hills.)

CULTURE—Its long pods when young are used in soups, stews, etc.

Long Pale Green—Long-ribbed pods, this variety generally succeeds the best of any. Pkt 5c, oz 15c, 2 oz 25c, 1 lb 40c.

Dwarf Green—Earliest, with small, green, smooth pods. Pkt 5c, oz 20c, 2 oz 35c, 1 lb 60c.

German—Petersilie

PARSLEY

French—Persil

(One ounce will sow 150 feet of drill.)

Covent Garden, or Champion Moss Curled
Parsley

Covent Garden Parsnishing, or Champion Moss Curled—A perfectly curled variety. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 25c, lb 80c.

Fernleaved—Light green color, not curled, but rather delicately feathered. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 25c, lb \$1.00.

Soak the seeds a few hours in warm water and sow very early in the spring, in drills twelve inches apart; thin out the plants to six inches apart. To have green during the winter, remove plants into a box and place in a light cellar or cold frame.

Best Extra Triple Curled—with leaves finely cut and curled, and of a deep emerald green hue. Extra fine for garnishing and culinary purposes. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 25c, lb 80c.

Dwarf, Very Curled—Very curly, one of the most delicate of the curled sorts. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 25c, lb \$1.00.

SPECIAL OFFER—Parsley, Pepper, Parsnips—One Packet Each 10c.

German—Kurbis

PUMPKINS

French—Courge

(One Ounce will plant about 25 hills.)

CULTURE—Seeds are from enormous specimens, should be sown on hills with plenty of manure at bottom, in rather damp ground. Only 2 or 3 plants to each hill. Excellent for culinary and feeding purposes.

Simmers' Mammoth Prize Pumpkin—Flesh and skin bright golden yellow. Flesh fine grained, excellent quality. Notwithstanding its enormous size, it is one of the very best pie pumpkins ever grown, fine keeper. Stock limited. Pkt 15c, 2 pkts 25c.

Winter Luxury—This we recommend as one of the best pie pumpkins; an excellent keeper and enormously productive. It is very finely netted and in color it is a golden russet. (See Out.) Pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, lb 75c.

Large Yellow Mammoth Cheese—Hardy, productive and superior in all respects to most of the field grown sorts, fine grained and excellent flavor, growing to an enormous size. Per pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, lb 75c.

Japanese Pie—Flesh very thick, nearly solid, unusually fine grained, dry and sweet, resembling sweet potatoes in taste. It ripens early and keeps well. The seeds are very curiously marked. Per pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, lb 75c.

Large Field—Both for culinary purposes and for feeding cattle, a large yellow variety known as the "Pie Pumpkin." Pkt 5c, 1 lb 10c, lb 30c.

Jumbo—One of the largest varieties grown, very attractive, Pkt 5c, oz 15c, 2 oz 25c, 1 lb 35c, lb \$1.00.

Johnathan Pumpkin—This pumpkin is pronounced by a veteran Pumpkin grower one of the finest varieties he has ever grown. It is a good keeper of large size, very prolific, smooth and even fleshed; very sweet and fine for pies. Per pkt 5c, oz 15c, 2 oz 25c, 1 lb 35c, lb \$1.00.

SPECIAL OFFER

{ 1 Packet Simmers' Mammoth Prize, ... } 20c
{ 1 Packet Yellow Mammoth Cheese, ... }
{ 1 Packet Jumbo, ... }



Winter Luxury Pumpkin



Hollow Crowned Parsnip

It is sown at the usual time of all tender vegetables, in drills two inches deep, setting the plants from 2 to 3 feet apart.

POTATOES

German—Kartoffel

French—Pomme de terre.

(In drills 3 feet apart: 12 to 14 bushels to the acre;

1 peck will plant about 125 hills).

"THE NEW POTATO CULTURE," by Elbert S. Carman. Price: cloth 75c; paper 50c.

WE SHALL SHIP as early as is safe from frost, but we will ship when requested any time customers wish to take their own risk. On late orders it will save time to state, in case supply of some kinds is exhausted, whether you wish us to return money or substitute other sorts of same value.

Prices on Potatoes are subject to market changes. Special rates per bushel on large lots.



"Early Pride" Potato

4 BEST VARIETIES

"EARLY PRIDE"

We have found the **Early Pride** Potato to be one of the best Potatoes ever introduced and again we strongly recommend it. It is oblong in shape, the eyes being shallow. The skin is a delicate pink color and the flesh white, and in cooking qualities it is unsurpassed. It grows a very even size, there being few very large or very small tubers. On account of its extreme earliness, it is not affected by the usual late summer and fall droughts, while its keeping qualities are not surpassed by any late variety in cultivation to-day. Enthusiastically pronounced by all who have tried it, a perfect potato. The illustration herewith is an exact representation of an average specimen of **Early Pride**, and its smooth and handsome appearance is accurately shown. Another point to be considered is the fact that **Early Pride** Potatoes produce an unusually large proportion of merchantable tubers; they grow so compactly in the hills, and a small potato is seldom seen.

Per lb 20c, 2 lb 35c, 4 lb 60c, postpaid; peck 50c, $\frac{1}{2}$ bush. 80c, bush. \$1.50, barrel (10 pecks) \$3.50, carriage extra.

THE "BOVEE" New Extra Early Potato

The Earliest of All, and a Great Cropper

The reports received proclaim this to be a wonderful introduction among early Potatoes. Not only is it early but it takes a leading place among the heavy cropping varieties, an unusual thing among first earlies. It is even earlier than **Early Ohio**, while the "**Bovee**" in all competitive trials has outyielded all the early Potatoes, and in many of the tests conducted by Experiment Stations and private growers, it has outyielded even the late varieties. The vine is dwarf and stocky, and the tubers grow remarkably close, all bunched together in the hill close up to the vine. They size up to a marketable size very evenly, none too large or too small.

Per lb 20c, 2 lb 35c, 4 lb 60c, postpaid; peck 50c, $\frac{1}{2}$ bush. 80c, bushel \$1.50, barrel (10 pecks) \$3.50, carriage extra.

EARLY THOROUGHbred

This variety besides being so early, is of handsome appearance, superb quality, and an enormous yield, in fact all who have tried it consider it a perfect Potato.

Per lb 20c, 2 lb 35c, 4 lb 60c, postpaid; peck 40c, bush. \$1.25, carriage extra.

"EARLY NORTHER"

Several days earlier than the **Early Rose**, and equally prolific, a most desirable sort. It is a strong, vigorous grower, and the potatoes are bunched well together in hills. Its table qualities cannot be excelled, cooking dry and floury, whether baked or boiled.

Price, per lb 15c, 3 lbs 40c, postpaid; peck 40c, bushel \$1.25.

Extra Early "OHIO JUNIOR"

This variety is two weeks ahead of the **Early Rose**, and is a special favorite with farmers and marketmen, and the most profitable potato they can possibly grow. The sprouts are very strong, the vines grow erect, and are easy to cultivate; maturing early, brings the highest prices, and the land can be used for other crops; does well on any soil suitable for potatoes. The tubers grow compact in the hill, are easily dug, very few small ones—nearly every one marketable size; few eyes which are even with the surface. They keep firm until late in the spring. With heavy manuring, close planting (they can be planted almost a half closer than most other kinds on account of their upright growing tops), and good culture, a very large and profitable yield can be expected; 300 to 500 bushels per acre is not an unusual yield. This is our specialty in standard early varieties. We are confident that many do not know a true **Early Ohio**, and have grown some other sort for it, having been deceived in the purchase of the seed. We know ours are right, because the stock is the product of original headquarters.

Price per lb 20c, 2 lb 35c, 4 lb 60c, postpaid; peck 50c, $\frac{1}{2}$ bush. 80c, bush. \$1.50, barrel (10 pecks) \$3.50, carriage extra.

"UNCLE SAM" Main Crop Variety

Its cropping qualities are Phenomenal, and we believe it to be the heaviest yielding Potato known. Its productiveness is largely attributable to the uniform size of the Potatoes, nearly all sizing up alike, none too large and few too small, but its crowning merit is its superb cooking qualities, which will ultimately place "**UNCLE SAM**" on every table where quality in Potatoes is appreciated. Its handsome, pure white, floury appearance attracts the attention of all. It is a medium late variety. The tubers are oval with pure white russet skin, with very shallow eyes near the surface.

Per lb 20c, 2 lb 35c, 4 lb 60c, postpaid; peck 45c, $\frac{1}{2}$ bush. 80c, bush. \$1.50, barrel (10 pecks) \$3.50, carriage extra.

STANDARD VARIETIES

Carman No. 3—Price, per lb 15c, 3 lbs 40c, postpaid; peck 40c, bushel \$1.25.

The Early St. George—Price, per lb 15c, 3 lbs 40c, postpaid; peck 40c, bushel \$1.25, carriage extra.

Early Ohio—Per lb 15c, 3 lbs 40c, postpaid; peck 40c, bushel \$1.45, barrel (10 pecks) \$3.25.

Burpee's Extra Early—Per lb 15c, 3 lbs 40c, postpaid; peck 40c, bushel \$1.25, barrel \$2.75.

Great Divide—Price per lb 15c, 3 lbs 40c, peck 50c, bushel \$1.25.

POTATO EYES (Free by Mail)

The eyes as put up by us are in as good condition for growing as if freshly cut from the potato, and will produce just as good a crop, hence everyone who has a garden can order at any time during the winter or early spring and save express or freight charges. We offer six varieties this season as follows:

25 Eyes Early Thoroughbred.....	25c
25 Eyes Early Pride.....	25c
25 Eyes Uncle Sam.....	25c
25 Eyes Bovee.....	25c

SPECIAL OFFER 25 Eyes each of the above 4 Varieties for 80c, Postpaid.

SPECIAL OFFER

1 lb each of The "**Bovee**," "**Uncle Sam**," "**Early Pride**," and **Extra Early "Ohio Junior"** delivered free for 55c.
2 lbs each \$1.00, 4 lbs each \$1.70.

ALSO 1 peck each \$1.30, 1 bush. each \$4.25, by freight or express at purchaser's expense.

POTATO SEED per pkt. 25c.



PEAS

GERMAN—Erbesen

FRENCH—Pois

(One pound will plant about 50 feet of drill, from one to two bushels per acre.)

CULTURE—The Pea comes earliest to maturity in light, rich soil. For general crops a deep loam, or a soil strongly inclined to clay, is the best; for early crops, mild manure, such as leaf mould, should be employed. Plant as early as the weather will permit, in well-prepared soil, and cover about 2 or 3 in. deep. Sow 3 feet apart for early kinds, and 4 feet for late. For a continuous supply sow from early in April until the last of June; then discontinue until middle of August, when an extra early sort will sometimes produce a good crop. Soak in warm water a few hours previous to sowing.

EARLY VARIETIES

Small Packets of any variety, 5 cts, except where noted.
Please add 4c. per pound for postage.

Simmers' First of all—This variety is unequalled for excellence, yield, size of pod and regularity of ripening. Height, two feet, produces pods of good size, which are well filled with round, smooth peas of splendid flavor. It is a prodigious bearer, and in this last feature and in its extreme earliness consists its great value to market gardeners and truckers. At the same time we know of no other variety that is more popular than Simmers' First of All in private gardens. (See cul.) Per lb or pt 10c, qt (2 lbs) 15c, peck 90c, bush \$3.60.

"The Gradus"—For description see Novelties. Pkt 10c, per lb or pt 30c, qt 50c.

McLean's Blue Peter—One foot, quite dwarf, requiring no support, a splendid bearer, and exquisite flavor, pods comparatively large and well filled. Per lb or pt 15c, qt (2 lbs) 25c, peck \$1.30, bush \$5.

Alaska—The earliest blue pea, very uniform in growth; the dark green color of the pods, combined with its earliness, makes it a most desirable extra early pea for market and private gardens; height 2 feet. Per lb or pt 10c, qt 15c, peck 90c, bush \$3.50.

McLean's Little Gem—One foot, dwarf green wrinkled marrow; has all the sugary flavor of the late wrinkled peas, besides being very early; needs no sticks. Per lb or pt 15c, qt. (2 lbs) 25c, peck \$1.30, bush \$5.00.

Laxton's Alpha—The earliest wrinkled pea, fully as large as the Daniel O'Rourke, with the advantage of a rich quality, 2½ to 3 feet high. Per lb or pt 15c, qt (2 lbs) 25c, peck \$1.00, bush \$4.00.

NOTT'S EXCELSIOR—Robust and vigorous in growth, throwing out laterals from base to haulm, producing in profusion long handsome pods, closely packed with large peas of fine flavor. An improvement on American Wonder, being more vigorous and prolific, with larger pods, with more peas than either the Wonder or Premium Gem. Seed, green, wrinkled, square at the end like American wonder, height 12 inches. Per lb or pt 15c, qt 25c, peck \$1.50, bush \$6.00.

Extra Early Premium Gem—Very early, good flavor, productive, excellent for family use, one foot high, no sticks needed. Per lb or pt 15c, qt (2 lbs) 25c, peck \$1.30, bush \$5.00.



NOTT'S EXCELSIOR PEAS

American Wonder—Ten inches, one of the earliest wrinkled peas in cultivation, exceedingly productive and of very dwarf and compact growth, quality the very best. Per lb or pt 15c, qt (2 lbs) 25c, peck \$1.50, bush 6.00.

SIMMERS' "DAISY" PEAS—We pronounce the "Daisy" to be absolutely distinct from and immeasurably superior to any other Dwarf Pea in existence. The haulm in an average season grows to a length of 12 to 15 inches, and is practically covered with handsome pods 5 inches in length, containing 8 to 11 deep colored peas. This pea has the most exquisite flavor we have ever met with. Per lb 20c, qt 35c, peck \$2.00.

MEDIUM EARLY VARIETIES

HEROINE—Elegant habit of growth, luxuriant foliage, pods remarkably long and handsome, slightly curved, well filled with large, luscious peas of fine flavor, a gem of the first water. Height 2 feet, seed green and very much wrinkled. Per lb 15c, qt 25c, peck \$1.30, bush \$5.00.

Bliss' Everbearing—Two feet, a splendid general crop pea, pods averaging 4 in. long and containing from 6 to 8 wrinkled peas of enormous size, many being over half an inch in diameter, while in sweetness of flavor they are unsurpassed. Per lb or pt 10c, qt (2 lbs) 20c, peck \$1.10, bush \$4.25.

Laxton's Prolific Long Pod—Two feet, a round, green variety, very productive, producing pods with from 11 to 12 peas in each, of superior flavor. Per lb or pt. 15c, qt (2 lbs) 25c, peck \$1.25, bush \$4.80.

Laxton's Supreme—A fine, large and distinct early pea, of green marrow race, having from 9 to 10 peas in a pod, 4 feet high, prolific. Per lb or pt 15c, qt (2 lbs) 25c, peck \$1.50, bush \$6.00.

Blue Imperial—Three feet, large pods and prolific, a good summer pea, of fine flavor. Per lb or pt. 10c, qt (2 lbs) 20c, peck \$1.00, bush \$4.00.

Horsford's Garden—Grows from 2 to 2½ feet high, it is extremely prolific, and bears its pods always in pairs, and on some of the best plants over 150 pods have been counted. One of the sweetest peas. Per lb 10c, qt 20c, peck \$1.10, bush \$4.00.



Simmers' First of All Peas

If Peas are to be sent by Mail be sure to add 4 cents per pound for postage.

PEAS

(Continued),

All Peas 5c per pkt except where noted

Later or General Crop

Improved Stratagem—The old Stratagem Pea has always been one of the best late sorts for quality, but it was a shy yielder, which impaired its usefulness. The Improved Stratagem has all the sterling qualities of the original type and is one of the heaviest yielders. The vines are of medium height, very stocky, the pods are of immense size, well filled with very large dark green peas. Pt 15c, qt 25c, peck \$1.30, bush \$5.00.

Telephone—This strong growing, sweet, wrinkled Pea is driving out of the local market the common kinds of early hard peas, owing to its strong growth, large, handsome, well-filled pods and very fine table quality. The vines often bear 18 to 20 pods per stalk, each containing 6 to 7 large peas; 4 ft et high. Pt 15c, qt 25c, peck \$1.30, bush \$5.00.

Burpee's Profusion—Is of vigorous growth, attaining 3 feet in height and of a very branching character. The pods are usually produced in pairs, from 50 to 90 pods to the plant. The pods are well packed with large luscious peas of very sweet and splendid quality. The plants are continuous bearers, extending over a period of several weeks. Pt or lb 20c, qt 35c peck \$2.00.

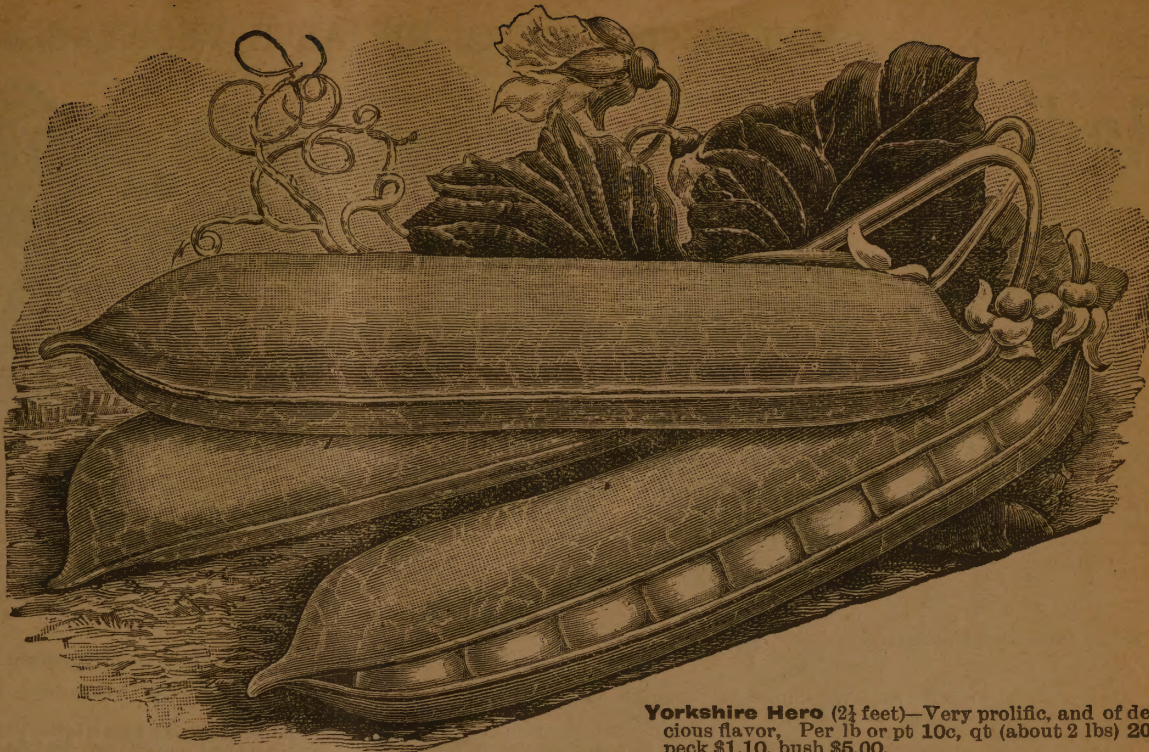
Pride of the Market—It grows from 18 inches to 2 feet in height, and bears grand pods well filled from top to bottom with large, fine flavored peas. Its robust constitution, enormous yield and superior appearance ensure its acceptance as a favorite with the public. Per pt 15c, qt 25c, peck \$1.50, bush \$6.00.

Champion of England (4 feet)—Universally admitted one of the best peas grown; a delicious flavor and good bearer. Per lb or pt 10c, qt (about 2 lbs) 20c, peck \$1.00, bush \$4.00.

Black-Eyed Marrowfat (3 feet)—Best for general crop, has large and well filled pods; a popular market variety. Per lb or pt 10c, qt (about 2 lbs) 15c, peck 50c, bush, market price.

Large White Marrowfat—Well known, prolific and of good flavor, 6 feet high. Per lb or pt 10c, qt (about 2 lbs) 15c, peck 50c, bush, market price.

Improved Stratagem Pea



Yorkshire Hero (2½ feet)—Very prolific, and of delicious flavor. Per lb or pt 10c, qt (about 2 lbs) 20c, peck \$1.10, bush \$5.00.

EDIBLE PODDED, OR SUGAR PEAS

Tall Scimitar Sugar—Pods are edible, very sweet, 7 to 10 inches long, grows 6 feet high, can be used in green state like string beans. Per ¼ lb 10c, lb or pt 25c, qt (2 lbs) 50c, peck \$2.50.

Dwarf Sugar—Pods edible, 2 feet high, can be used in green state like string beans. Per ¼ lb 10c, lb or pt 25c, qt (2 lbs) 50c, peck \$2.50.

Our Seed Peas are of the very best quality, riddled and hand picked.

THE THREE BEST PEAS For the HOME GARDEN

These can all be planted at the same time, and they will be ready for use in succession.

NOTT'S EXCELSIOR—Earliest and best Dwarf Pea.

HEROINE—Best second early Pea.

IMPROVED STRATAGEM—Best large podded late variety.

For further description see general list.

SPECIAL OFFER } Large packet each of the three Peas, postpaid, 20c.
One " " " " Half-pound each of the three Peas " 30c.
One " " " " " " " " " " " 60c.

RHUBARB

or Pie Plant

German—*Rhubarber*
French—*Rhubarbe*

(One ounce will produce about 500 plants.)

CULTURE—Sow in April in drills one inch deep and one foot apart; when the plants are three or four inches high, thin out to ten inches apart, and cultivate well during the season; in fall or following spring transplant into hills about three feet apart

each way. The soil must be very deep and heavily manured. Give a top dressing of manure every fall.

Johnston St. Martin—It is immediately productive, one of the earliest, and has a rich spicy flavor, very similar to the gooseberry when used for pies. Price per pkt 5c, oz 25c, 2 oz 40c, ¼ lb 75c, lb \$2.50.

Myatt's Linnæus—One of the best for family use, thin skin, very early and productive. Pkt 5c, oz 20c, 2 oz 35c, ¼ lb 50c, lb \$2.00.

Johnston St. Martin Rhubarb



Victoria—Similar to the preceding, but more acid and productive. Pkt 5c, oz 20c, 2 oz 35c, ¼ lb 50c, lb \$2.00.

Large Roots of any of the above—Each 15c, 4 for 50c, per doz \$1.25, postpaid.

SALSIFY or Vegetable Oyster

German—*Bocksbart*. French—*Salsifis*.
(One ounce will sow 50 feet of drill.)

CULTURE—The directions for sowing and cultivating Carrots, given on page 12, apply also to Salsify. From its resemblance in flavor to oysters it derives its name. Soak the seed before sowing in warm water for 12 hours.

Mammoth Sandwich Island

—This variety is of very large size, twice that of the ordinary Long White; pure white, very tender and delicious; invaluable for the market gardener. Pkt 5c, oz 15c, 2 oz 25c, ¼ lb 40c, lb \$1.50.

Long White—Pkt 5c, oz 10c, 2 oz 15c, ¼ lb 25c, lb \$1.00.

New Golden—Extremely rich and tender, the roots having a slight yellowish tinge. Pkt 5c, oz 20c, 2 oz 35c, ¼ lb 60c.

SCORZONERA or Black Oyster Plant

One ounce will sow 50 feet of drill.

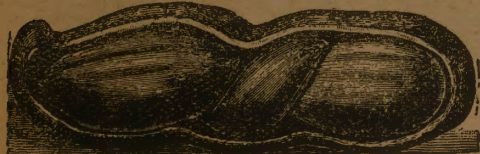
CULTURE—Cultivated the same as Carrots or Salsify. The outer rind of the roots being scraped off, they are steeped in water to abstract a part of its bitter flavor. They are then boiled or stewed in the manner of carrots or parsnips. Per pkt 5c, oz 20c, 2 oz 35c, ¼ lb 50c, lb \$2.00.



Mammoth Sandwich Island Salsify

IMPROVED GROUND PEA OR PEANUT

The peanut plant is a pea, which blossoms in the air and then thrusts the ovary under ground for development. The ripened ovary or seed pod is the peanut of commerce. The choice variety which we offer is early, large, prolific, yielding fewer imperfect pods than any other kind. The nut is red, with two or three kernels to the pod; large and of rich flavor. Packet 10c, pt 25c, qt 40c, postpaid.



Radishes

German—*Radieshen und Rettige* French—*Radis*
(One ounce will sow 100 feet of drill.)



Long Scarlet Radish



Rosy Gem Radish.

OUR RADISH MIXTURE—

This is a mixture of over 20 choice varieties of early, medium and later radishes. You will certainly have radishes all summer, and be surprised at the results. Pkt 5c, oz 10c, 1 lb 20c, 1b 75c.

WINTER VARIETIES

White Chinese (Celestial)—One of the largest in cultivation. The flesh is white and solid and the flavor excellent. Per pkt 5c, oz 10c, 2 oz 15c, 1 lb 25c, 1b \$1.00.

Californian Mammoth Long Black Spanish Winter—

Very large and best for winter use. Per pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, 1b 60c.

California Long White Spanish—Very large and best for winter, rather milder than the Long Black. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, 1b 70c.

Long China Rose—Winter very desirable, light rose color, flesh fine and piquant. Per pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, 1b 60c.

Black Round Spanish Winter—Large, for use during winter, of firm texture. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, 1b 60c.

SPECIAL OFFER

1 pkt Scarlet Turnip Radish	} FOR 15c.
1 pkt Scarlet Olive shaped Radish	
1 pkt Rosy Gem Radish	
1 pkt Victoria Improved Round Spinach	

Early and Summer Varieties

TRIUMPH, NEW—For description see Novelties. Pkt 10c, 3 pkts 25c.

Early Scarlet Olive Shaped White-Tipped (*French Breakfast Radish*)—A variety of quick growth, mild and tender, and one of the best for forcing. Oval form, scarlet, tipped with white. Per pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, 1b 60c.

Early Scarlet Olive-Shaped—A very early and handsome variety, of a lively rose color and oblong shape. Pkt 5c, oz 10c, 1 lb 15c, 1b 40c.

Early White Olive-Shaped—Similar to scarlet, skin being white. Per pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, 1b 60c.

Early Scarlet Turnip-Rooted—Small top, quick growth, mild and crisp, best for market. Per pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, 1b 50c.

Early White Turnip-Rooted—Very early, flesh and skin white. Grown for mixing in with bunches of red radishes. Per pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, 1b 50c.

Early Nine-Pinned Shape—Scarlet, for forcing, so called on account of its shape. Per pkt 5c, oz 10c, 2 oz 15c, 1 lb 25c, 1b 80c.

Early Scarlet White-Tipped Turnip-Rooted—A very pretty variety, excellent for market and fine for forcing. Per pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, 1b 60c.

Wood's Early Frame—A long, scarlet, excellent for forcing. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, 1b 50c.

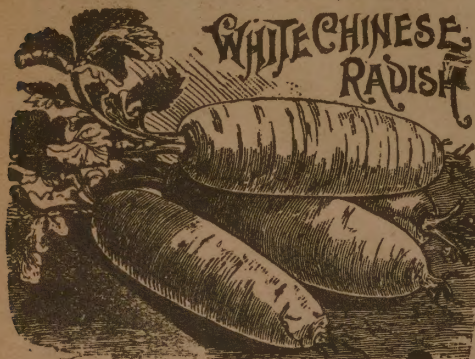
Early Scarlet Globe—A most desirable turnip sort for hotbed forcing; very early, and in flavor mild, crisp, juicy and tender; top small and it will stand the heat well without becoming pithy. Per pkt 5c, oz 10c, 2 oz 15c, 1 lb 25c, 1b 75c.

Early Non Plus Ultra—Unquestionably the earliest forcing radish, grows very rapidly and is fit for use within three weeks; the root is round and bright scarlet; the flesh tender and particularly delicate. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 25c, 1b 75c.

Rosy Gem—Shape is perfectly globular, with rich deepscarlet top, blending into pure white at bottom, exceedingly tender, crisp and delicious; desirable for growing under glass. Per pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, 1b 60c.

Long Salmon—A long light red variety, very desirable for gardens. Per pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, 1b 60c.

Long White Naples—Excellent for table, flesh white, crisp and mild. Per pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, 1b 75c.



Radish, Scarlet Turnip-Rooted White Tipped



Early Scarlet Turnip-Rooted Radish

German—*Spinat*

SPINACH

French—*Epinard*

(One ounce will sow 100 feet of drill; 10 lbs. for one acre.)

CULTURE—A well known esculent, and of the easiest culture in any rich ground. Sow in drills one inch deep and one foot apart; the summer varieties in April for summer use, and the winter varieties in August or September for winter or spring use.

VICTORIA IMPROVED ROUND—The foliage is heavy, the broad, dark green leaves being of the true Savoy appearance and of the finest quality, but the most remarkable feature that will make it of special value, both for market and family gardens, is the fact that it was in prime condition from two weeks to three weeks after all other varieties of spinach had run to seed. Per pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, 1b 30c.

Extra Large Leaved or Giant Flanders—A splendid variety, with leaves much

larger and broader than any other variety, round, thick and fleshy, dark green. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, 1b 30c.

Round Leaf or Summer—The main market sort, equally good for either fall or spring sowing. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, 1b 30c.

Long Standing—Except in the characteristic of standing a long time before running to seed, this variety in all other respects closely approaches the well known Round Leaf. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, 1b 30c.

Prickly or Fall—Stands well in winter, but gives less bulk per acre than the Round Leaf. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, 1b 30c.

Bloomsdale Large Curly, Savoy Leaved—New and excellent, tender and fine flavored. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, 1b 30c.

Perennial—(*Rumex Patientia*)—Sown in spring and fit for use in autumn; quite hardy. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, 1b 30c.

Large Mountain Orach, or French Spinach—Cultivated and used like Spinach. Pkt 5c, oz 20c, 2 oz 35c, 1 lb 60c, 1b \$1.50.

New Zealand (*Tetragonia*) perennial—Fit for use the first year, must be slightly protected during winter. Pkt 5c, oz 20c, 2 oz 35c, 1 lb 60c, 1b \$1.25.

SEA KALE

(One ounce will produce about 300 plants.)

Seeds—Per pkt 5c, oz 25c, 2 oz 40c, 1 lb 75c, 1b \$3.00.

Roots of the above—Each 15c, 4 for 50c, doz \$1.50.



Large Leaved Giant Flanders

Improved Chartier Radish—The color at the top being crimson, running into pink about the middle, and from thence downwards it is a pure waxy white. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, 1b 60c.

Long Scarlet, or Early Short Top—A standard variety for market and private gardens. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, 1b 60c.

Our Seeds are the best

SQUASH

GER.—Speisekurbisse FR.—Courge
(One ounce will plant 50 hills.)

CULTURE—Prepare the hills the same way as directed for Cucumbers, on page 16; the bush varieties should, of course, be planted closer together than those with long vines.

SUMMER VARIETIES

Long White Bush Vegetable Marrow—A decided improvement on the old, trailing vegetable marrow; the fruit is larger, handsomer, more ribbed or fluted, and of strictly bush form. Pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c, lb \$1.20.

Vegetable Marrow, running—Well-known variety, oblong, skin greenish yellow, flesh white, rich flavor. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 25c, lb \$1.00.

Long Island White Bush Scollop—A selection of the old White Bush Scollop, and a vast improvement, having less prominent ridges and being much deeper, so that a single squash would actually contain nearly twice as much weight as the old sort. In addition to this it is of finer quality and very prolific. Pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c, lb \$1.20.

Perfect Gem—Excellent both for summer and winter use, wonderfully productive. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 20c, lb 75c.

Summer Crookneck—Early, productive and good quality, fruit orange yellow. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 20c, lb 60c.

Bush Scollop—Yellow and white. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 20c, lb 60c.

Mammoth Whale Squash—This squash from France, introduced by us, produces the most magnificent Mammoth Squashes we have ever seen. The squashes are often three feet long, of a dark, rich color, and sometimes weigh over one hundred pounds. Its greatest diameter is near the blossom end, and tapers from there to each end; this peculiar form, together with its immense size, doubtless suggested the name Mammoth Whale. It is very prolific; the vines are robust and hardy. The flesh is solid, of a beautiful orange-yellow color, and of excellent quality. It is a good winter keeper. Per pkt 10c, per oz 25c, per $\frac{1}{4}$ lb 75c.



English Vegetable Marrow Squash



One packet of each of the above, as illustrated, 20c, postpaid

WINTER VARIETIES

Golden Hubbard—For description see Novelties. Pkt 10c, oz 25c.

Marblehead—Flesh lighter in color than the Hubbard, while its combination of sweetness, dryness and delicious flavor is something really remarkable. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 20c, lb 60c.

The Faxon Squash—The flesh is a deep orange yellow, cavity small and seeds few; the special peculiarity, however, is that while uncooked it appears to have a shell like any squash, when cooked there is practically none, the shell or inedible part being only about as thick as a sheet of writing paper. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 25c, lb \$1.00.

Delicata Squash—Color of this variety is orange yellow, splashed and striped with very dark green. The quality is splendid, being rich and dry. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 25c, lb \$1.00.

Essex Hybrid—Rich flavored, fine grained and sweet, flesh very thick, rich colored and solid; very early. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 20c, lb 60c.

Boston Marrow—Fine, large and sweet; it keeps well in winter and will boil dry as a potato. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 20c, lb 60c.

Hubbard—Best variety for keeping through the winter, and one of the finest flavor. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 20c, lb 70c.

Bay State—Extremely solid, heavy weight, fine and dry flesh, sweet flavor, beautiful golden yellow, very handsome; shell extremely hard and flinty, and excellent keeper. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 20c, lb 75c.

Pike's Peak, or Sibley—Skin smooth and thin and of a pale green color, flesh thick, solid; vivid orange in color; very dry, of fine grain and delicate flavor. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 20c, lb 60c.

Fordhook—The flesh is dry and sweet, of best quality. In a cool, dry room it keeps in perfect condition till late in June, when summer squashes are ready. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 20c, lb 70c.

Large Mammoth Yellow Chili—Grows to an immense size, often weighing 200 lbs; excellent for all uses. Pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c, lb \$1.50.

SPECIAL OFFER

- 1 pkt Mammoth Whale Squash.
- 1 pkt English Vegetable Marrow.
- 1 pkt Hubbard Squash.

For 15 Cts.

TOBACCO

Seed is generally sown in hotbeds in March and April, though sometimes in cold frames or even the open ground. As soon as plants are from four to five inches high and all danger of frost is passed, they should be transferred to open ground in rows 4 feet apart and from $2\frac{1}{2}$ to 3 feet apart in the rows. After planting, the ground should be stirred with a one-horse cultivator about once in ten or twelve days, so as to keep the land thoroughly clean from weeds, and in a porous and mellow condition. Frequent cultivation will also induce more favorable conditions of moisture. This should be continued as long as the cultivator can be passed through the rows without injuring the plants. After this, as the roots of the plants will then almost fill the space between the rows, the ground should be kept clean by shallow hoeing.

Canelle—A fine flavored Canadian variety. Pkt 10c, oz 75c.

Small Red Canadian—Pkt 5c, oz 60c.

Connecticut Seed Leaf—Per pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{4}$ lb 60c, lb \$2.00.

Virginian Seed Leaf—Per pkt 5c, oz 40c, 2 oz 75c, $\frac{1}{4}$ lb \$1.25, lb \$3.50.

White Burley

Yellow Pryor

Blue Pryor

Yellow Oronoco

Climax

Havana (Vuelta de Abajo) Cuban Grown—Pkt 10c, oz 50c.

Tobacco Culture—Full practical details from the propagation of the seed to the harvesting, curing and marketing of the crop, by fourteen experienced tobacco growers. Price, 25c, postpaid.

Tobacco Leaf—Myrick & Killbrew, \$2.00.



Tobacco

TOMATO

German—Liebesapfel

French—Tomate

(One ounce will produce 1,000 plants.)

CULTURE—Sow in a hotbed about the first week in March, in drills about five inches apart and half an inch deep. About the middle of May, in this latitude, the plants may be set in the open ground. They are planted for early crops on light, sandy soil, at a distance of 3 feet apart, in hills in which a good shovelful of rotted manure has been mixed. On heavy soils, which are not suited for an early crop, they should be planted four feet apart, water freely at the time of transplanting, and shelter from the sun a few days until the plants are established.

"IMPERIAL"—This Tomato is one of the smoothest and most productive sorts. The fruit is large, smooth and solid. It not only produces very early fruits, but it will hold out through the season until late in the fall. It is also a splendid keeper. In color it is between the Dwarf Champion and Beauty. Gardeners should give this a trial, as it is undoubtedly one of the best early Tomatoes. Now we conscientiously believe that in offering the **Imperial** to the Canadian public we are giving them the opportunity of securing seed of the most perfect Tomato known to-day, embracing more good qualities than any other sort. Pkt 5c, per oz 20c, 2 oz 35c, $\frac{1}{2}$ lb 60c, lb \$2.00.

"CRIMSON CUSHION"—The **Crimson Cushion** is more symmetrical in shape than the **Ponderosa**, and is much thicker through from stem to "blossom end"; in fact, so marked is this characteristic that it is frequently almost round. The color is brilliant scarlet crimson, untinged with purple, and ripens up almost completely to the stem. Per pkt 10c, per oz 50c, $\frac{1}{2}$ lb \$1.75.

"Honor Bright" Tomato—Different from all other Tomatoes. The longest keeper, hence a good shipper, fruits large, smooth, and of excellent quality. Fruit changes from light green to white, then to lemon and finally to a handsome red. Pkt 5c, oz 30c, 2 oz 50c, $\frac{1}{2}$ lb 75c.

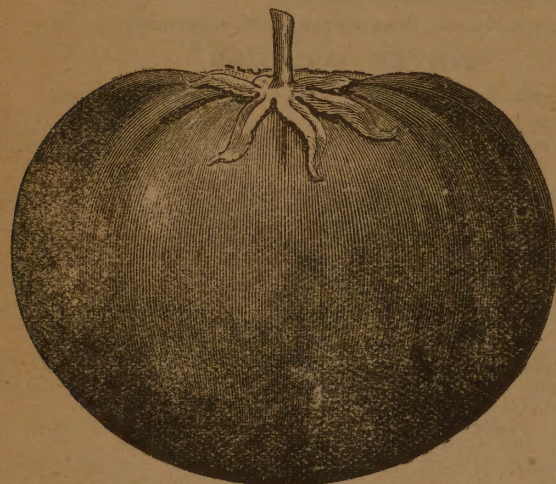
FORDHOOK FIRST—A perfectly smooth, solid Tomato of first-class appearance, it is also extremely early, ready to market as soon as the rough fruits of the old types. We recommend **Fordhook First** as a good general purpose variety. Pkt 5c, oz 30c, 2 oz 50c, $\frac{1}{2}$ lb 75c, lb \$3.00.

Livingston's Aristocrat—This fine early variety in habit of growth and foliage resembles the "Dwarf Champion" very much and might be taken for that popular variety if it were not for the color of its beautiful, rich, glossy red fruit, so much preferred in many localities to the purple or rose-colored varieties. The size, solidity, productiveness, smoothness, flavor of its fruit, etc., are up to the present day standard of excellence. It is smooth and round, and its delicate tinted coat so glossy that it is entitled to the name "Aristocrat." Price 5c per pkt, oz 20c, 2 oz 35c, $\frac{1}{2}$ lb 60c, lb \$2.00.

The Stone—Simmer's selected stock. (See cut.) Fruit very large and deep; bright scarlet; smooth, ripening evenly to the stem without a crack; exceedingly solid and

firm-fleshed, of the finest quality; the best for family use and for canneries. Our tests from the introduction of this sort have proved it to be a superiortomato; suited to the wants of the most critical. Pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{2}$ lb 60c, lb \$2.00.

Table Queen—As large as the Mikado but perfectly smooth and round; for slicing it is the Tomato *par excellence*, as it is wonderfully solid and contains comparatively few seeds. The color of the **Table Queen** is a rich shade of crimson, and



Simmers' Selected Stone Tomato

of a most agreeable acid flavor. Per pkt 5c, oz 30c, 2 oz 55c, $\frac{1}{2}$ lb \$1.00, lb \$3.00.

Livingston's Royal Red—It is a first-class main crop variety for the shipper, marketer and private gardener, and no essential point is lacking. Pkt 5c, oz 25c, 2 oz 40c, $\frac{1}{2}$ lb 75c, lb \$2.50.

"Ignotum"—A variety worthy of general cultivation. The fruit is very uniform in size and shape, rather flat and bright red in color. It is very prolific, and though not (as some claim) a first early variety, it is valuable in all other respects. Per pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{2}$ lb 60c, lb \$2.00.

Early Ruby or Atlantic Prize—The great value of this variety lies in the fact that it is by far the earliest of all the large-sized Tomatoes which combine good form, rich crimson color and solidity. Per pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{2}$ lb 60c, lb \$2.00.

The "Mikado"—The Mikado differs from all others in its immense size—the tomatoes are produced in immense clusters, and are perfectly solid. The color is purplish red. Whether for slicing or for cooking purposes the quality is most excellent. Pkt 5c, oz 25c, 2 oz 40c, $\frac{1}{2}$ lb 75c, lb \$2.50.

Peach—Very distinct; fruit of uniform size, resembling a peach in shape, size, bloom and color, which is a deep orange rose. Pkt 5c, oz 30c, 2 oz 50c.

Dwarf Champion—Growth is dwarf, self-supporting when laden with fruit; very early; the fruit resembles the **Acme**, is smooth and symmetrical in form. Pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{2}$ lb 60c, lb \$2.00.

CREEKSIDE GLORY TOMATO

This choice Tomato is very robust in habit of growth and is exceedingly prolific. It carries its fruit in clusters, which being large, round and perfectly smooth and of a deep rich red color make it exceedingly handsome. It ripens early, has a most delicious flavor and is a good keeper. One of the most attractive and handsomest varieties grown, well adapted for home use and market, and on account of its solidity and long keeping qualities it is especially recommended for shipping. The skin seems to be crack proof, as the past season shows.

The clusters bear three to five large, symmetrical fruits on hard, woody, stems, the fruit ripening very evenly from the blossom end to the stem.

Its table qualities are excellent; the flesh, when fully ripe, being tender and melting, not hard as one might conclude from the solidity of the uncut fruit.

Those who grow it will find it a valuable acquisition, and will be surprised at its distinctness from all other known sorts. Pkt 10c, oz 50c.



New Imperial Tomato

Ponderosa—Possesses every good quality in a tomato. Its massive or ponderous fruits are almost perfect in form and free from ridges. Per pkt 5c, oz 30c, 2 oz 55c, $\frac{1}{2}$ lb \$1.00, lb \$3.00.

Beauty—A very fine variety, very early, and derives its name from its beautiful shape, which is perfectly smooth; very productive. Per pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{2}$ lb 50c, lb \$2.00.

Early Conqueror—An improved variety, of dwarf growth, very good bearer, fruit smooth and in clusters; ripening somewhat earlier than any other kind. Per pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{2}$ lb 50c, lb 2.00.

The Buckeye State—In solidity and meatiness it has no equal, while in delicious quality none can surpass it. The color is much the same as **Beauty**, but of a somewhat darker and richer shade. Per pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{2}$ lb 60c, lb \$2.00.

OLDER STANDARD VARIETIES

Volunteer,	Perfection,	Canada Victor,	Optimus,
Early Acme,	Favorite,	Early Mayflower,	Trophy.
Each—Per pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{2}$ lb 50c, lb \$2.00.			

YELLOW VARIETIES

Golden Queen, Large Smooth Yellow—Excellent flavor and sweet, very productive. Per pkt 5c, oz 25c, 2 oz 35c, $\frac{1}{2}$ lb 75c, lb \$2.50.

Yellow Peach—Very distinct, fruit of medium size, resembling a peach in size, shape and bloom, color yellow. Per pkt 5c, oz 30c, 2 oz 50c.

PRESERVING VARIETIES

Yellow Cherry—Per pkt 5c, oz 40c. **Yellow Plum**—Per pkt 5c, oz 40c.

Small Red Cherry—Per pkt 5c, oz 40c.

WINTER CHERRY, also called **Strawberry or Ground Cherry** and **Barbadoes Gooseberry or Mexican Tomato** (*Physalis Alkekengi*)—For sowing and cultivating observe the directions given for **Pepper** on page 22. The fruit of the plant which is a berry enclosed in an inflated calyx, is eaten as a common fruit in some countries, and is particularly pleasant for tarts. Per pkt 10c, oz 60c.



Creekside Glory Tomato

BOOKS

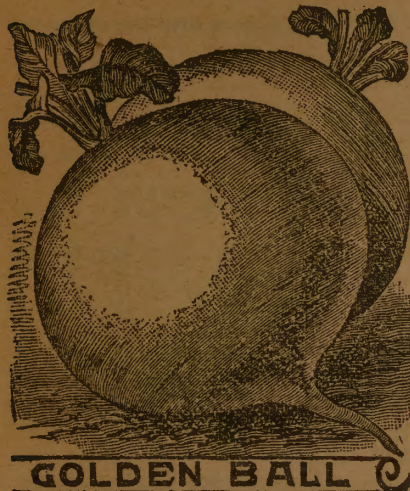
"Livingston and the Tomato," Practical Instructions to Growers. 176 p. \$1.00.
 "Tomato Culture in Canada," By S. H. Mitchell. Price 15c, postpaid.

(One ounce will sow 150 feet of drill;
One pound will sow an acre.)

TABLE TURNIPS

For Field Turnips see "Farm Seeds," page 33

GERMAN—Weisse Rueben
FRENCH—Navet



GOLDEN BALL

CULTURE—For early use sow as soon as the ground can be worked in the spring, in drills 15 inches apart, and thin to 8 inches apart as soon as plants are large enough to handle. For succession sow at intervals of a fortnight until the last week of July, from which time until the end of August sowings may be made for main and late crops. The sowing should always be done just before rain if possible, as the success of the crop in a great measure depends upon quick germination and a rapid and free growth at first.

SIMMERS' EARLY MELTING SWED—An excellent distinct variety, peculiarly suitable for garden culture on account of its flavor, fine form and rich golden yellow color. This variety is claimed by all market gardeners and private gardeners to be the finest grained, best keeping table Swede turnip in cultivation.

Per pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, 1 lb 50c.

Extra Early Milan—A strap-leaved variety, a week earlier than the ordinary early sorts. It retains its good qualities and remains a long time fit for use. The bulbs are white with a purple top, round, flattened and solid, with a very slender tap root; flesh pure white, sweet and crisp. Per pkt 5c, oz 10c, 1 lb 15c, lb 60c.

White Stone, or Early Snowball—An early garden variety, clear white, medium size, delicate flavor and quick growth. Per pkt 5c, oz 10c, 1 lb 15c, lb 40c.

American Breadstone—This is a new and most desirable table turnip, the roots are of medium size, very quick growing and quite smooth, white, with faint colored top. The flesh is perfectly white, fine grained, and cooks in only fifteen minutes, tender and sweet, it is the finest turnip for winter and spring use we have ever seen. Per pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, lb 60c.

White Milan—Per pkt 5c, oz 10c, 2 oz 15c, 1 lb 25c, lb 80c.

White Flat Dutch—An excellent variety, the best for spring sowing. Per pkt 5c, oz 10c, 1 lb 15c, lb 40c.

Early Golden Ball or Orange Jelly—A rapid grower, excellent flavor, globe shape. Per pkt 5c, oz 10c, 1 lb 15c, lb 40c.

Red Top, Strap-Leaved—Fine grained and of buttery flavor, the best for market gardens. Per pkt 5c, oz 10c, 1 lb 15c, lb 30c.

Early White Egg—An egg-shaped variety for spring or fall sowing, flesh white, firm, fine grained, mild and sweet. Per pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, lb 60c.

White Nimble Dick—One of the best for market and general use, fine flavor and very early. Per pkt 5c, oz 10c, 1 lb 15c, lb 40c.

Maltese—Early variety, fine flavor. Per pkt 5c, oz 10c, 2 oz 15c, 1 lb 25c, lb 75c.

Yellow Stone—Splendid for table use and late growing. Per pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, lb 60c.



Red-Top, Strap-Leaved Turnip

HERB SEEDS—(SWEET, POT AND MEDICINAL)

Anise—Per pkt 5c, oz 20c, 1 lb 35c, lb \$1.25.

Balm—Per pkt 5c, oz 25c, 1 lb 75c, lb \$2.50.

Basil Sweet—Per pkt 5c, oz 20c, 1 lb 75c, lb \$2.50.

Borage—Per pkt 5c, oz 25c, 1 lb 75c, \$2.50.

Caraway—Per pkt 5c, oz 10c, 2 oz 15c, 1 lb 25c, lb 75c.

Catnip or Catmint—Per pkt 5c, oz 50c.

Coriander—Per pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, lb 40c.

Dill—Pkt 5c, oz 15c, 1 lb 35c, lb \$1.25.

Fennel Sweet—Per pkt 5c, oz 15c, 1 lb 50c, lb \$1.75.

Horshoe—Per pkt 5c, oz 20c, 1 lb 75c, lb \$2.50.

Hop Seed—Per pkt 5c.

Hysop—Perennial, 2 feet high. A useful herb. Per pkt 5c, oz 25c, 1 lb 75c, lb \$2.50.

Lavender—An aromatic, medicinal herb. Pkt 5c, oz 15c, 1 lb 50c, lb \$2.00.

Lemon or Winter Thyme—Perennial, 6 inches. Per pkt 10c, oz \$1.00.

Lovage—Perennial, 5 feet. Per pkt 5c, oz 20c, 1 lb 75c, \$2.50.

Mint—Perennial, 1 foot high. Per pkt 10c, 1 oz \$3.

Marjoram Sweet—Per pkt 5c, oz 15c, 2 oz 25c, 1 lb 40c, lb \$1.50.

Pennyroyal—Per pkt 10c.

Peppermint—Per pkt 10c.

Rosemary—Per pkt 5c, oz 35c, 1 lb \$1.25.

Rue—Per pkt 5c, oz 20c, 1 lb 75c, \$2.00.

Rampion—Perennial, 6 in. Per pkt 5c, oz 30c.

Sage—Pkt 5c, oz 15c, 2 oz 25c, 1 lb 40c, lb \$1.50.

Sage, Broad-Leaved—Perennial, 1 foot. Pkt 5c, oz 15c, 2 oz 25c, 1 lb 40c, lb \$1.50.

Sorrel—Perennial, 6 inches. Per pkt 5c.

Summer Savory—Per pkt 5c, oz 15c, 2 oz 20c, 1 lb 30c, lb 75c.

Tansy—For medicinal use. Per pkt 5c, oz 35c.

Tarragon—Per pkt 10c.

Thyme—Per pkt 5c, oz 15c, 2 oz 20c, 1 lb 35c, lb \$1.40.

Winter Savory—Pkt 5c, oz 20c.

Wormwood—Used medicinally, and is beneficial for poultry. Per pkt 5c, oz 25c.

Mammoth Sage Plants

The plants are very strong growing, the first season attaining 1 foot in height and spreading so that a single plant covers the space of 3 feet, the leaves are borne well above the soil, keeping them clean; they are very large and of unusual substance, strong in flavor and of superior quality. A single plant yields more than a dozen plants of the common sage; perfectly hardy, it rarely flowers and never runs to seed. Price, each 10c, 3 for 25c, 7 for 50c, postpaid.

MISCELLANEOUS SEEDS

MAMMOTH RUSSIAN SUNFLOWER

Single heads measure 12 to 22 inches in diameter, and contain an immense quantity of seed, an excellent and cheap food for fowls. They eat it greedily, fatten well on it, better than on almost any other food. It can be raised cheaper than corn. Every farmer should plant some of the seed in any waste piece of ground. The stalks and seed-heads when dry make a good hot fire. Four quarts seed will plant an acre. Oz 5c, 1 lb 10c, lb 20c, postpaid. By express—10 lbs \$1, 25 lbs \$2.



Mammoth Russian Sunflower

Early Amber Sugar Cane

The earliest and most productive variety. Height 10 to 12 ft. Its saccharine matter is of first quality, fine and rich. Sow 4 quarts in drills, and 8 quarts broadcast to the acre. Pkt 5c, 1 lb 15c, 5 lbs 60c, postpaid, 10 lbs 80c.

IMPROVED EVERGREEN BROOM CORN

The stalks may be fed to cattle in a green state. Pkt 5c, 1 lb 15c, 3 lbs 40c, postpaid.

GERMAN CAMOMILE FLOWERS

Per oz 10c, lb \$1.00

WILD RICE SEED

DIRECTIONS FOR SOWING—Put the rice in coarse cotton or linen bags, and sink them in water for 24 hours. Sow in water which is from 6 inches

to 5 feet deep, in soft mud bottom, and in places where there are but few weeds. It is useless sowing these seeds except on a mud bottom, or on low marshy places which are covered with water the year round. In running water sow as much out of the current as possible.

Wild Rice (Zizania Aquatica)—Per lb 30c, by mail 35c; 10 lbs or over 25c per lb.

BIRD SEEDS AND REQUISITES

(If by mail add 4 cents per pound.)

	Per lb		Per lb
Canary Seed (3 lbs 25c).....	\$0.10	Maw or Poppy Seed, 1 lb postpaid,	\$0.25
Hemp Seed Russian (3 lbs 25c)...	10	Lettuce Seed.....	1 lb postpaid 30
Mixed Bird Seed (3 lb pkts 25c)...	10	Silver Washed Bird Gravel (3 lbs	
(in 1 lb pkts).....	10	10c) by mail.....	25
Millet Seed, Chinese.....	5	Mocking Bird Food 1 lb pkt postp.	30
Sunflower Seed (3 lbs 25c).....	10	Peter's Treat Song Restorer, pkt.	10
Cuttlefish Bone (per oz 10c).....	50	Bird Lice Destroyer and Bellows.	30
Rape Seed, German (3 lbs 25c)...	10	Simmers' Canary Powder, bottle.	25

Meal Worms for insect eating birds, per 100 30c.

1,000 \$2.50, postage paid.

Bird seeds of all kinds, recleaned and free from dust and dirt, always on hand by the 100 lbs, at lowest market prices, and of the finest quality.

"**American Bird Fancier**" a very useful and instructive work on the care of birds, price 50c.

Cottam's New Illustrated Book on "Cage Birds." 25c. postpaid.

SIMMERS' BIRD CAKE

A delicious Treat and Song Restorative Food for Canary Birds. This food is prepared with the greatest care, the most delicate and nutritious preparation ever discovered for the longevity of Pet Birds. Our experience in handling restoratives for song birds enables us to recommend this Tonic in the form of food to prolong the life of birds confined in cages. It is not a regular food, but should be kept in the cage constantly, being a superior substitute for gravel and cuttlefish bone. It gives the songster a strong and clear voice, improves the plumage, and will keep birds, although very old, always in health by producing the desired effect on the digestive organs. Give to young, as well as to old birds. Per cake 5c, 6 for 20c. per doz 35c.

Prepared only by J. A. SIMMERS, Sole Manufacturer, Toronto,



VEGETABLE PLANTS

WELL GROWN, THOROUGHLY HARDENED,
WELL PACKED, TRUE TO NAME.

BY MAIL OR EXPRESS—PRICES ARE SUBJECT TO CHANGE

The fact that these plants are all grown from choicest stocks of seeds is sufficient recommendation as to the genuineness of the varieties. They can be shipped fresh and well packed at a day's notice. This is of the greatest importance to every planter. When Plants are to be sent by Mail ADD POSTAGE at the rate of 25 cents per 100 to prices of Cabbage, Celery and Cauliflower, and 40 cents per 100 to prices of Tomatoes.

	PER 50	PER 100		PER 50	PER 100
Cabbage Early —Ready April 20th to 30th.			Cauliflower —Ready April 20th to 30th.		
Early Jersey Wakefield.....	\$0 30	\$0 50	Early Dwarf Erfurt.....	\$0 40	\$0 75
Simmers' German Brunswick.....	30	50	Early Snowball.....	40	75
Henderson's Early Summer.....	30	50	Cauliflower —Ready May 20th to 30th.		
Cabbage, Late —Ready June 1st.			Early Snowball.....	30	50
Simmers' German Brunswick.....	20	30	Dwarf Erfurt.....	30	50
Surehead.....	20	30	Pepper —1000 price on application.	PER DOZ.	
Savoy Drumhead.....	20	30	Long Red.....	\$0 15	50 90
Red Drumhead.....	20	30	Tomato —Ready May 15th to 30th		
Celery —Ready June 1st.			Ignatum.....	15	50 90
White Plume.....	40	75	Mikado.....	15	50 90
Paris Golden Yellow.....	40	75	Dwarf Champion.....	15	50 90
Celery —Ready June 20th.			Table Queen.....	15	50 90
Paris Golden Yellow.....	40	75	Sweet Potato Plants —		
White Plume.....	40	75	Extra Early Carolina and Early Nansemond.....	30	75 1 25
Simmers' Large Ribbed White.....	40	75			

WE SHALL BE PLEASED TO MAKE SPECIAL PRICES ON LARGE QUANTITIES

TREE SEEDS

DECIDUOUS and EVERGREEN, ORNAMENTAL
SHADE, FOREST, HEDGE AND FRUIT

"Trees can be as easily grown from seed as the most common Vegetable."—Fuller

CULTURE.—Sow early in spring, in well prepared beds, about two inches deep; when the seeds begin to germinate cover the bed lightly with pine boughs to shade the young plants from the sun. When the plants are all up, the brush should be gradually removed, but replaced again before winter sets in. Let the plants remain in the beds for about two years, then transplant into rows two feet apart, leaving about twelve inches between each plant. Keep the ground clean, and when the plants are strong enough remove them to where they are intended to remain.

- Apple Pips**—Per oz 5c, ½ lb 15c, lb 50c.
- Arbor Vitae, American** (*Thuja Occidentalis*)—A small tree about 30 feet high; popular for hedges, screens, etc. Per pkt 10c, oz 30c, lb \$2.75.
- Barberry** (*Berberis Vulgaris*)—One of the best hedge plants grown. It is very hardy, and forms a dense shrub of 4 to 8 feet high, covered with sharp, stout prickles. Per pkt 5c, oz 20c, ½ lb 50c, lb \$1.50.
- Beech** (*Fagus Ferruginea*)—A noble forest and shade tree of graceful habit. Wood hard and excellent for many mechanical purposes. Pkt 10c, oz 15c, lb \$1.00.
- Black Thorn** (*Prunus Spinosa*)—Pkt 5c, oz 10c, lb \$1.00.
- Black Walnut** (*Juglans Nigra*)—Grows rapidly in good rich soil. The nuts should be planted in the fall. Per lb 10c, postpaid 15c, peck 75c, bush \$2.00.
- Catalpa, Hardy Western** (*Catalpa Speciosa*)—A handsome shade and ornamental tree of tropical appearance. Foliage large and luxuriant. Flowers borne in large panicles late in the spring. In favorable locations it attains a height of 60 feet or more; it is a very rapid grower, is very hardy and has been tested up to 40 degrees north latitude. Wood very durable. Valuable tree. Per oz 10c, ½ lb 30c, lb \$1.00.
- Honey Locust** (*Gleditsia*)—A well-known tree of ornamental and graceful appearance, extensively used for hedges. Per pkt 5c, oz 10c, lb 50c.
- Maple, Sugar** (*Acer Saccharinum*)—A beautiful, as well as a valuable, rapid growing tree, preferring a calcareous soil. Per pkt 5c, oz 10c, lb \$1.25.
- Mountain Ash** (*Pyrus Americana*)—Much cultivated for ornament, for which its fine foliage, clusters of white flowers and red berries eminently qualify it. Per pkt 5c, oz 10c, lb \$1.00.

- Norway Spruce** (*Abies Excelsa*)—A very popular hedge evergreen extensively used for sheltering and for screens. Per pkt 5c, oz 10c, lb \$1.00.
- Osage Orange** (*Maclura Aurantiaca*)—A well-known hedge plant; native of the Southern States. Per pkt 5c, oz 10c, lb 60c.
- Pear Seed**—Per pkt 10c, oz 20c, lb \$2.00.
- Pine, Austrian** (*Pinus Austriaca*)—One of the most popular pines, being very hardy and ornamental. Grows very rapidly and to a great height. Per pkt 5c, oz 20c, ½ lb 60c, lb \$2.00.
- Pine, Scotch** (*Pinus Sylvestris*)—One of the most rapidly growing species of pines, very suitable for screens for the protection of orchards or buildings. Per pkt 5c, oz 15c, ½ lb 50c, lb \$1.50.
- Pine, Sugar** (*Pinus Lambertiana*)—This magnificent tree grows to the height of 300 feet, and endures the cold of the Northwest without injury. Per pkt 10c, oz 50c, lb \$5.00.
- Quince** (*Cydonia Vulgaris*)—Small irregular trees, bearing an excellent fruit for preserves and jellies. Per pkt 5c, oz 20c, lb \$2.00.
- Russian Mulberry**—A variety of Mulberry brought by the Mennonites from Russia, and as it grows to the height of 30 feet in a few years, and stands the cold of the Northwest, will no doubt become a standard for that country. Per pkt 10c, oz 35c, ½ lb 75c, lb \$2.50.

COLLECTION OF TREE SEEDS FOR 25 CENTS

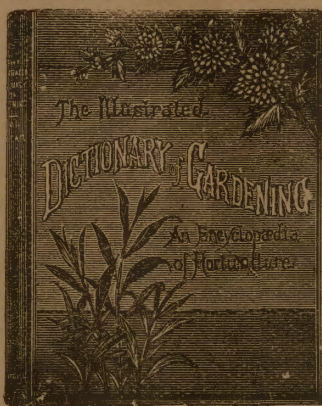
One packet each of Black Thorn, Honey Locust, Sugar Maple, Mountain Ash, Norway Spruce, Austrian Pine, Russian Mulberry. 7 pkts for 25c, by mail, postpaid.

BOOKS

AGRICULTURAL AND HORTICULTURAL

All books sent postpaid on receipt of price

- Apple Culture, Field Notes on, Bailey..... \$0 75
- Art of Propagation. Treats of trees and plants.... 40
- Allan's New American Farm Book..... 2 00
- American Bird Fancier..... 50
- Asparagus Culture..... 50
- Bailey's Field Notes on Apple Culture..... 75
- Barry's Fruit Garden, new edition..... 1 50
- Bee Keeping Explained, Quinby..... 1 00
- Bulbs and Tuberous-Rooted Plants, C. L. Allen..... 1 50
- Cabbage, Treatise on, by J. H. Gregory..... 30
- Canadian Bee Journal, per annum..... 1 00
- Cauliflowers, and How to Grow Them, Brill..... 20
- Cranberries, James Webb, paper..... 40
- Celery for Profit, Greiner..... 20
- Cottam's Illustrated Book on Cage Birds..... 25
- Crops, Spraying, C. M. Weed..... 25
- Dairymen's Manual. Practical Treatise on the Dairy..... 1 50
- Diseases of Swine, D. McIntosh..... 2 00
- Draining, Land, M. Miles..... 1 00
- Farming Conveniences, 200 engravings..... 1 00
- Feeds and Feeding, W. A. Henry..... 2 00
- Fern Book for Everybody..... 75
- Fertility of the Land, The, Roberts, I. P..... 1 25
- Flax Culture..... 30
- Flower Bulbs and their Culture, published by J. A. Simmers..... \$0 25
- Flower Garden, Beautiful, Matthews..... 40
- Forage Crops, other than grasses, by Thomas Shaw..... 1 00
- Fruit Culturist, American, Thomas..... 2 50
- Fuller's Grape Culturist..... 1 00
- Fuller's Small Fruit Culturist..... 1 50
- Fungi and Fungicides, C. M. Weed, paper..... 50
- Gardening for Pleasure, new, revised and enlarged edition..... 1 50
- Gardening for Profit, new, revised and enlarged edition..... 1 50
- Gardening for Young and Old, by J. Harris..... 1 00
- Grape Growing and Wine Making, Husman..... 1 50
- Greenhouse Construction, Prof. L. R. Taft..... 1 50
- Greenhouse Management, by Prof. L. R. Taft..... 1 50
- Handbook on the Grasses of North America. Treats on the origin and nature of every known variety of grass, and the best varieties to select for seeding down grass lands for pasture..... 2 50
- Harris' Talks on Manures..... 1 50
- Heinrich's Window Flower Garden..... 50
- Henderson's New Handbook of Plants. Contains about 1000 illustrations..... 3 00
- Home Pork Making, A. W. Fulton..... 50



- Horticulturist's Rule Book, Prof. L. H. Bailey..... \$0 75
- How Crops Feed, Prof. S. W. Johnson..... 1 50
- How Crops Grow, Prof. S. W. Johnson..... 1 50
- How the Farm Pays, by Peter Henderson. Profusely illustrated; 400 pages..... 2 00
- Injurious Insects of the Farm and Garden..... 1 50
- Insects and Insecticides, C. M. Weed..... 1 50
- Insects Injurious to Fruits, Saunders..... 2 10
- Mangolds, Treatise on, by J. H. Gregory..... 30
- Manures, How to Make and How to Use Them, F. W. Semper, paper..... 40
- Money in the Garden, by P. T. Quinn. A practical work, illustrated..... 1 00
- Mushroom Culture, published by J. A. Simmers..... 10
- Mushroom Culture, by Robinson..... 70
- Mushrooms, How to Grow Them, by Falconer..... 1 00
- New Egg Farm, by H. H. Stoddart..... 1 00
- Nursery Book, Prof. Bailey. Cloth..... 1 00
- Nut Culturist, The, A. S. Fuller..... 1 50
- Onions, and How to Raise Them Profitably..... 20
- Onion Culture, New Method, by T. Greiner..... 50
- Ornamental Gardening, Long..... 1 50
- Our Farm of Four Acres and the Money we made by it..... 30
- Parsons on the Rose, new and revised edition..... 1 00
- Peach Culture, Fulton..... 1 00
- Pear Culture for Profit..... 1 00
- Practical Floriculture, Henderson..... 1 50
- Practical Forestry, by A. S. Fuller, cloth, illustrated..... 1 50
- Profits in Poultry, and Their Profitable Management..... 1 00
- Propagation of Plants..... 1 50
- Pruning Book, The, L. H. Bailey..... 1 50
- Roe's Play and Profit in My Garden..... 1 00
- Shepherd's Manual, enlarged edition, Henry Stewart..... 1 00
- Silos, Ensilage and Silage, Miles..... 50
- Spraying of Plants, The, E. G. Lodeman..... 1 00
- Strawberry Culturist, illustrated..... 25
- Swine Husbandry, revised edition, F. D. Coburn..... 1 50
- The Illustrated Dictionary of Gardening, Nicholson's. A complete Encyclopedia of Horticulture, in 4 volumes, carriage extra..... 20 00
- The "A B C" of Agriculture..... 50
- Vegetable and Flower Garden, published by J. A. Simmers..... 15
- Wallace's Notes on Lillies. An interesting and valuable book on the Lily, indispensable to bulb growers, illustrated, cloth, 215 pages..... 2 50
- Your Plants. Plain and practical directions for the treatment of tender and hardy plants in the house and garden..... 40

FARM SEEDS

*We hold a very large and carefully selected stock of
Agricultural Seeds of the most reliable quality
and unequalled in Canada.*

CONDITIONS OF SALE—It is impossible for us to guarantee the crop in any way, as there are so many causes over which we can have no control that operate against the growth and productiveness of the seeds. We spare no expense and trouble in this matter, but all seeds bought from us must be on the condition that we give no warranty, expressed or implied, as to description, quality, growth, productiveness or any other matter, of any seeds we sell; nor will we hold ourselves in any way responsible for the crop.

Add 4c. per pound postage to all varieties of Field Carrot, Beet, Mangel and Turnips.

FIELD CARROTS

SIMMERS' IMPROVED GIANT SHORT WHITE

We always claimed this carrot to be the equal, if not the superior, of every white

field carrot, and it has certainly fully proved all we ever said about it. It is of good shape, very broad at the shoulder, tapering to a point; its surface is very smooth, with few or no roots growing on the sides. In texture it is very fine, and in color pure white, with an excellent flavor. These are the individual points of the carrot. In addition it is a very **heavy cropper**, in fact it is by far the **heaviest** of any we have ever heard of, and on account of its shape and of its smooth skin it is **easily harvested**. The above is a true description of the carrot we offer as our **Improved Giant Short White**, and for its own qualities it should be grown by everyone who wants a white field carrot. It is especially suitable for shallow soil. In shape it very much resembles the Oxheart, except that the roots grow more to a point. When other varieties require digging, our **Improved Giant Short White can be pulled**. Try it for yourself, and you will not be disappointed. Oz 10c, $\frac{1}{4}$ lb 15c, lb 40c.

Large White Belgian—This attains the largest size, and will yield more in bulk than any other sort grown. The root is thick and long, growing from $\frac{1}{4}$ to $\frac{1}{2}$ of its length above the surface. Oz 10c, $\frac{1}{4}$ lb 15c, lb 35c.

Yellow or Orange Belgian—Color pale orange. A good keeper. Oz 10c, $\frac{1}{4}$ lb 15c, lb 35c.

Improved Long Orange or Surrey—A standard late variety, handsome and uniform in shape, deep orange color, good flavor, yields heavily. Oz 10c, $\frac{1}{4}$ lb 15c, lb 40c.

Altringham—A long red variety profitably grown for field or general crop. Oz 10c, 2 oz 10c, $\frac{1}{4}$ lb 20c, lb 60c.

Scarlet Intermediate—Stump-rooted, valuable variety for shallow soils. Oz 10c, $\frac{1}{4}$ lb 20c, lb 60c.

SUGAR BEETS

Sow from the middle of April to the first of June, in drills two feet apart, then thin to nine inches to the row. Six pounds of seed per acre, average yield 20 to 25 tons per acre. For milch cattle they are most valuable.

NOTE—The Danish Improved Sugar Beet we offer is the genuine variety, and the stock of it is not controlled by any one seed house, as some catalogues claim.

Danish Improved Sugar Beet—This variety is distinguished by its great productiveness; in rich, deep soil in good cultivation nearly approaching the standard varieties of Mangel Wurzel, in yield of bulk (they standing closer than the Mangels), in connection with a high percentage of sugar. For fattening purposes, and for feeding to milch cows, in cases where a liberal flow of rich, creamy milk is the main object (for butter production), this variety is, where the proper soil is at disposal, especially to be recommended. It is one of the cleanest and best beets for cattle feeding that we have. **Price**—Per oz 5c, $\frac{1}{4}$ lb 10c, lb 35c, 5 lbs \$1.50, 10 lbs \$2.75.

Improved Imperial Sugar Beet—The most popular Sugar Beet for feeding cows, sheep or swine. Yields as much as most Mangels, and contains 8 per cent. of sugar. Has yielded 30 to forty tons per acre at a cost of 5 cents per bushel. $\frac{1}{4}$ lb 10c, lb 25c, 5 lbs or over 20c per lb.

Wanzleben—In Europe this kind is cultivated on a larger scale than any other Sugar Beet. The root is conical, straight and even, quite large at the head and rapidly tapering. Easy to dig, is a heavy yielder, and contains from 12 to 15 per cent. of sugar. Oz 5c, $\frac{1}{4}$ lb 15c, lb 40c, 5 lbs or over.

Red Top Sugar—An excellent variety, growing to a very large size. $\frac{1}{4}$ lb 10c, lb 25c, 5 lbs or over, 20c. per lb.

White Silesian—The root is slender, being about 3 to 4 inches in diameter at the shoulder, and tapers gradually to a point. Yields nearly 20 tons per acre, containing 8 per cent. of sugar. $\frac{1}{4}$ lb 10c, lb 25c, 5 lbs or over 20c. per lb.



Danish Improved
Sugar Beet

SUGAR BEET—Culture of, by Herbert Myrick,
Price 50 Cents.



Simmers' Improved Giant Short White Carrot

SPECIAL OFFER

SIMMERS' IMPROVED
GIANT SHORT WHITE
CARROT and DANISH
IMPROVED SUGAR BEET

1 oz.	each of the two Varieties,	10c. Postpaid.
1-4 lb.	" " "	20c. "
1 lb.	" " "	75c. "

Mangel Wurzel

If wanted by post add 4c per pound

Simmers' Mammoth Prize Long Red—The heaviest cropper and best long Mangel. This mammoth variety grows to an immense size, single roots weighing from 20 to 30 lbs each, and always of very fine texture and good quality. It is remarkable for the broad shoulder and massive shape of the root, by which a great weight is obtained, without coarseness. Henry Hodgson, a customer of ours, raised on one acre 55,750 lbs of roots from seed purchased from us. Per $\frac{1}{4}$ lb 10c, lb 20c; for 5 lbs and over, per lb 18c.

Long Red—The old popular variety, yielding heavy crops. Per $\frac{1}{4}$ lb 10c, lb 20c; for 5 lbs and over, 18c per lb.

Champion Yellow Globe—This is one of the most generally grown of all the different varieties of Mangels, and it is very productive, easily pulled and an excellent keeper when stored in heaps for winter use. It is spherical in shape and an orange-yellow color, the portion growing above the surface is tinged with green. The flesh of the root is yellow, firm and sugary. Per $\frac{1}{4}$ lb 10c, lb 20c; for 5 lbs and over, per lb 18c.

Golden Flesh Tankard—The special features are the rich, deep yellow color of the flesh and its nutritious and milk producing qualities. In England, where it is considered indispensable, large dairy farmers state that they are not only able to obtain a higher price per gallon for milk from cows fed on this Mangel, but also that the cows are in a much better condition fed on hay and Golden Tankard Mangel alone than if fed on hay, Yellow Globe Mangel and four pounds of linseed cake per day. Per $\frac{1}{4}$ lb 10c, lb 20c; for 5 lbs and over, per lb 18c.

Mammoth Red Intermediate, or Red Oval-Shaped Giant—Very large and solid, fine grained variety, suitable for heavy ground, keeping as well as turnips during winter. Per $\frac{1}{4}$ lb 10c, lb 20c; 5 lbs and over, per lb 18c.

Red Flesh Tankard—A very large and heavy cropper, with small top and single tap-root, very solid and nutritious. Per $\frac{1}{4}$ lb 10c, lb 20c; for 5 lbs and over, per lb 18c.

Long Yellow—Similar in growth to Long Red, and considered by some growers sweeter in flavor and therefore preferred by cattle. Per $\frac{1}{4}$ lb 10c, lb 20c; for 5 lbs and over, per lb 18c.

Giant Yellow Intermediate, or Mammoth Half Long—This entirely distinct Mangel, first introduced by us, is considerably larger than the Yellow Globe Mangel, and is a beautiful russet-yellow color. As shown in the illustration, it is remarkably even in shape, rather elongated and of vigorous growth; it has a fine neck, large leaves with green stems and a very smooth, fine skin. The flesh is white, firm and sweet, greatly relished by cattle. Per $\frac{1}{4}$ lb 10c, lb 20c; for 5 lbs and over, per lb 18c.



Giant Yellow Intermediate or Mammoth Half Long Mangel

SPECIAL OFFER OF FIELD ROOTS

Simmers' Improved Giant Short White Carrot

Simmers' Improved Mammoth Prize Long Red Mangel

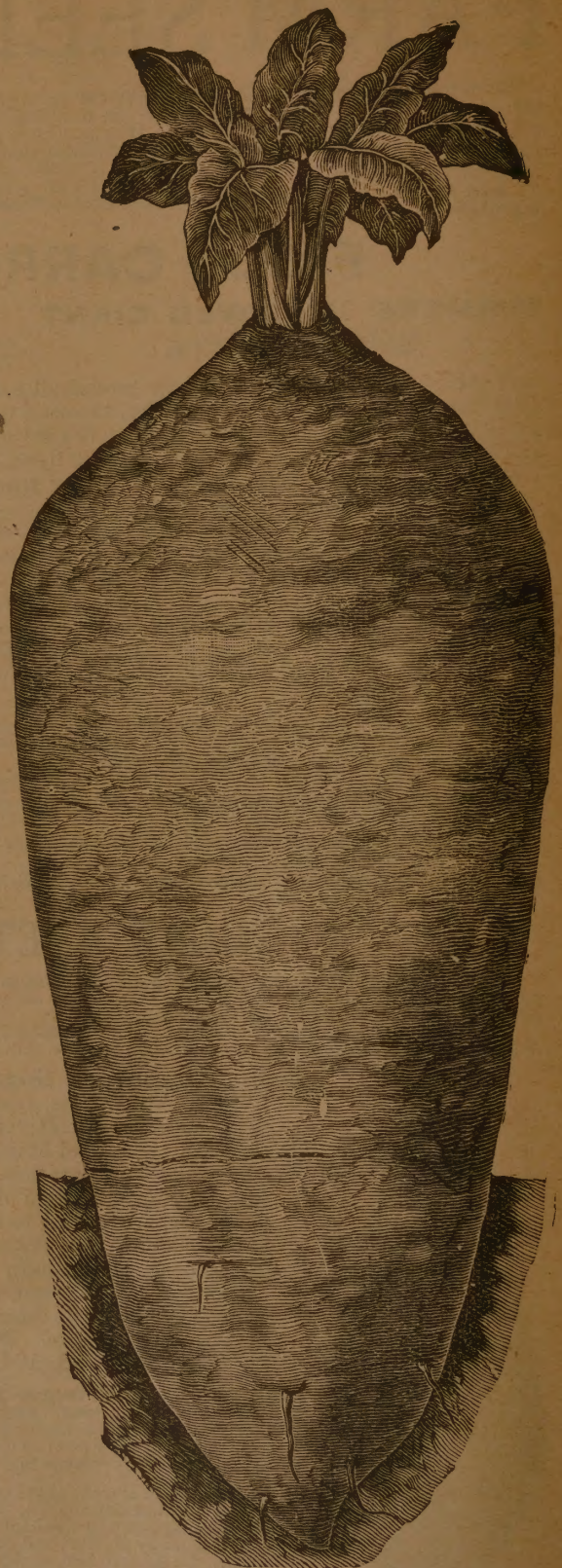
Simmers' Improved Selected Champion Purple Top Swede Turnip

1 oz each of the above three varieties..... 15c, postpaid

$\frac{1}{4}$ lb each of the above three varieties..... 30c, "

1 lb Mangel, 1 lb Turnip, $\frac{1}{4}$ lb Carrot, $\frac{1}{4}$ lb Danish Improved Sugar Beet..... 75c, "

On any order for Carrot, Mangel Wurzel, or Turnip Seed amounting to \$1.00, we will, if requested, include a copy of "Dairying for Profit," by Mrs. E. M. Jones; a very concise and useful work of 69 pages.



Simmers' Mammoth Prize Long Red Mangel

Ontario Agricultural College Report

Says that in the average test for six years of 58 varieties of MANGEL, **Simmers' Improved Mammoth Long Red** stands second against all competitors for yield per acre.

CHICORY

Chicory Seed should be sown in the spring in drills half an inch deep, and in good mellow soil; the after culture is the same as for Carrots. In the autumn the plants will be ready for blanching, when it is used as a salad. The principal use of Chicory, however, is to use with Coffee. One ounce of seed will sow about 100 feet of drill, and from two to three pounds an acre.

Large Rooted Long Madgeburg—Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 20c, lb 40c; 5 lbs or over, 35c per lb.

"How to grow Mangel Wurzel," by J. H. Gregory. Price 35 cents

TURNIPS

Grown from Selected Roots.

The following are the most popular standard English and other varieties, having for years given the greatest satisfaction to our numerous customers, being procured from the most reliable growers. The **Swedes** are sown from May until the middle of July; the **Aberdeens** and **Globes** from July to the latter part of August. If sown broadcast, from 1 to 2 pounds are required to the acre; and if sown in drills, from 2 to 4 pounds are required to the acre.

To the price of Turnip seed, when ordered by mail add 4c. per pound for postage, and the seed will be sent at the prices quoted. Special prices on club orders, farmers' orders, or large orders for any variety of our Turnip seeds.

SIMMERS' CHAMPION PURPLE TOP SWEDE

This magnificent Swede, the result of judicious selection, is the hardiest, most productive and most nutritious variety in cultivation. It is a large purple-top yellow variety; slightly oblong, with single tap-root, free from coarseness of neck, and for uniformity of crop and keeping qualities is superior to all other Swedes. It produces a very heavy weight per acre, keeps sound and good until late in spring; flesh always rich and sweet in flavor. Per $\frac{1}{4}$ lb 10c, lb 20c, in 5 lb lots and over, 18c per lb.

ELEPHANT OR MONARCH—The reports received during past years from all sections of Canada pronounce this Turnip to be unequalled in size, quality and uniformly handsome appearance. The yield compared with other well-known roots, have been from 2 to 6 tons per acre. In shape it is very distinct, being of the Tankard type. The crown of the bulb is a beautiful bright purple and the lower half deep yellow; the flesh is very solid and nutritious and there is an almost total absence of fibrous or fanky roots. During past seasons this variety has proven most satisfactory, so much so that we have every confidence in recommending Elephant or Modern Swede to the farmers of the Dominion. Per $\frac{1}{4}$ lb 10c, lb 20c, 5 lbs or over 18c per lb.

Ashcroft's Improved Purple Top—Of fine grain, solid and suitable for sandy ground as well as for heavy clay. Per $\frac{1}{4}$ lb 10c, lb 20c, 5 lbs or over 18c per lb.

Bangholm Improved Purple Top—Large and solid, should be sown on rather heavy loam. Per $\frac{1}{4}$ lb 10c, lb 20c, 5 lbs or over 15c.

Carter's Imperial—
On properly prepared ground never failing to produce $\frac{1}{4}$ lb 10c, lb 20c, 5 lbs or over 18c per lb a heavy crop of well-shaped, solid roots.

Drummond's Purple Top Swede—A selected Scotch variety of great excellence, globular in shape, large solid of finest quality. 10 20 18

East Lothian Purple Top—A favorite variety, solid and not liable to run to necks. 10 20 18

Fettercairn Green Top—One of the oldest and most extraordinary heavy yielding varieties on rich loamy ground. 10 25 20

HIGHLAND PRIZE—A very heavy cropping Swede and an excellent keeper, the roots being of handsome oval shape, uniform size. 10 20 18

Hazard's Green Top—Distinct variety; the flesh is firm and white, its hardy keeping qualities are superior to most sorts, and adapted to either field or garden cultivation. 10c 20c 18c



Elephant or Monarch Swede



Simmers' Champion Purple Top Swede

SWEDES—Continued

Hartley's Bronze-Top—Oval-shaped bulbs, large and solid, small neck $\frac{1}{4}$ lb 10c, lb 20c, 5 lbs or over 18c per lb

Hall's Westbury—A very fine quality of Swede, good keeper. 10 20 18

Knowfield Purple Top—A large solid variety, of oblong shape and suitable for clay ground. 10 20 18

King of the Swedes—Very much like the preceding variety, but somewhat more uniform in size. 10 25 20

Laing's Improved Purple Top—A globe-shaped variety, with small top and tap root, suitable for sandy ground. 10 25 20

Marshall's Purple Top—Large and very hardy, globe-shaped. 10 20 18

Royal Norfolk Purple Top—A favorite variety with Norfolk growers, being a heavy cropper, very nutritious and a good keeper, one of the best. 10 20 18

Sutton's Champion Purple Top—One of the heaviest yielding varieties and a general favorite. 10 20 18

Skirving's Improved Purple Top—Large, of solid, strong and quick growth, suitable for clay soil. 10 20 15

Sharpe's Improved Purple Top—A very heavy cropper, with small top, thin neck. 10 20 15

Scottish Champion—Fine large roots, good for heavy soils. 10 25 20

Shamrock Purple Top—Producing on well-prepared ground the heaviest and most uniform crop of well-shaped roots. 10 20 18

White Giant Purple Top—A quite distinct sort, of enormous size, preferred by many growers to the yellow varieties. 10 25 20

Yellow and White Varieties

Aberdeen Purple Top Yellow—For sowing after the Swedes. 10 25 20

Aberdeen Green Top Yellow—With green tops. 10 25 20

White Globe—For sowing after the Aberdeen, late as Aug. 10 20 15

Cow Horn—Long white in shape resembling a cow horn. 10 30 25

Red Globe Norfolk—Medium sized; should be fed early. 10 20 15

Improved Purple Top Mammoth—A variety producing a greater weight per acre than any other turnip, fine shape, excellent for early feeding, keeps well in winter if sown late. 10 20 15

Greystone—A white variety, sown as late as the preceding. 10 20 15



Greystone Turnip

BARLEY

WHITE HULLESS—It is hulless, beardless, early, weighs over 60 lbs to the measured bushel, it yields well on poor land, yields enormously on good land, makes better pork than corn, makes excellent flour, the straw makes good hay, is of inestimable value to everyone who feeds stock. Price per lb (postpaid) 20c, 3 lbs (postpaid) 50c, peck 60c, bush \$2.00, 2 bush or over at \$1.90.

Hulless, Black—Per lb (postpaid) 15c, 5 lbs (postpaid) 50c, peck 35c, $\frac{1}{2}$ bush 60c, bush (60 lbs) \$1.00, 2 bush or over at 95c.

SUCCESS BEARDLESS—The earliest Barley known. The straw is about the height of the common Barley, but better, and will stand up on any land, with good land and season has produced 80 bushels per acre, the straw can hold it up. Sow as early as you can; frost does not hurt it. This barley has remained on land from harvest until spring and grew the next season. It will, if sown early, head two or three days later than winter rye, and ripen four or five days before the rye, and being beardless, handles as easy as oats and makes a stronger food. Price, lb 15c, 4 lbs 50c, (postpaid). By express or freight, peck 30c, bush 90c, 2 bush \$1.70, 5 bush at 80c bush.

Mandscheuri, Six-Rowed—Ontario Agricultural College report says:—"Among 37 varieties of barley grown for the past five years, Mandscheuri stands at the head of the list for yield." Bush 75c, 5 bush or over 70c.

Baxter's Selected Six-Rowed—Lb 10c, postpaid; peck 25c, $\frac{1}{2}$ bush 45c, bush 80c.

Canadian Six-Rowed—Per bush 75c, 10 bush or over 70c.

Chevalier Two-Rowed—Grown from imported seed. Per bush 90c, 2 bush at 85c.

Duckbill Two-Rowed—Per bush 90c, 2 bush at 85c, 10 bush or over at 80c.

BUCKWHEAT

Japanese—Per lb 15c, 5 lbs 50c (postpaid), peck 30c, bush 90c.

Silver Hull—Per lb (postpaid) 15c, 5 lbs by mail 50c, peck 30c, bush 90c.

Common Gray—Per bush 80c, 2 bush at 75c.



Success Beardless Barley



White Hulless Barley

FLAX SEED

Of new crop, fresh, for medicinal purposes. Per lb 10c, 5 lbs 40c, 10 lbs 60c Postage 4c lb.
For sowing, market price now about \$2.00 per bushel of 56 pounds.

SOWING RAPE

(1 to 2 pounds per acre in drills: 4 to 6 pounds broadcast.)

A field of Rape coming into use when the pasture is almost barren from continuous feeding and dry weather, is a boon to the farm. For feeding sheep and lambs, preparatory for the market, nothing is better; not only does it fatten quickly, but imparts a quality to the flesh superior to almost any other pasture. It has been estimated that one acre of Rape, when not preceded by any other crop the same season, will feed from 35 to 40 lambs for two months, and that the gain in flesh per month was from eight to twelve and one-half pounds on each lamb. Young cattle thrive upon it, as well as swine. Rape may be sown either in rows or drills and cultivated, or may be sown broadcast. When sown in rows the plant will grow much stronger and more luxuriant in foliage, and will also stand longer feeding, as it is less liable to be tramped down. It may be sown in May, and when it is sufficiently advanced it can be fed off, and then allowed to grow up again, thus giving a second crop the same season; but the usual time for sowing is the last half of June until end of July, and it has been sown towards end of August with success. When sown early in the season the hot sun of August seems to unduly hasten its maturity. As it will stand late sowing it can be sown after a rye and barley crop, and produce valuable food for October and November. The cultivation of Rape should commence as soon as it is well started, and with repeated cultivation until the leaves become too large to work between the rows. Rape is also plowed under as a fertilizing crop.

DWARF ESSEX, or Large Leaved English—Per lb 10c, 10 lb lots 80c, 25 lb lots and upwards \$1.75.

SPURRY (Spargula Arvensis) Should be sown at the rate of 15 pounds to the acre, and is in best condition for pasture from four to six weeks after sowing.

Large Giant Spurry—Lb 20c, 6 lbs \$1.00, 10 lbs and over at 15c per lb, 50 lbs and over at 10c per lb, 100 lbs and over at 9c per lb.

FLAT PEA, Lathyrus Sylvestris Wagnerii—Recommended highly for lands too poor to pay the cost of cultivation, for worn-out pastures and waste places about the farm. Pkt 10c, oz 30c, lb \$3.00, by mail, postpaid.

FORAGE PLANT, Sacaline—It grows well on the poorest soils, is perfect y hardy, and endures the extremes of heat and cold. It grows to the height of ten or twelve feet. Pkt 10c, 3 for 25c, oz 75c, lb \$9.00.

Plants 15c each, 2 for 25c, 9 for \$1.00.

Add 5c per lb for Postage and Packing if to be sent by Mail.

BEANS

ENGLISH HORSE BEANS—Recommended by Dominion Experimental Farm, to be planted with corn and sunflower seed for ensilage purposes. Bush \$2.00. Values fluctuate.

The Prolific Dwarf Tree—Per lb 10c, bush \$2.25.

California Pea—Very productive. Per lb 10c, bush \$2.25.

Send for Weekly Price List of Seed Grain, Clover and Grasses.

SELECTED ENSILAGE CORN CROP 1899

SIMMERS' PARAGON WHITE ENSILAGE—This superior ensilage corn we can recommend from experience as being the heaviest cropping variety in cultivation, producing 50 to 75 tons per acre. It grows 13 to 14 feet in height. Peck 25c, bush 80c.

CORN—Red Cob Ensilage—So called owing to its cob being quite red; the kernel is perfectly white, resembling very closely the ordinary Horse-Tooth Corn. Per peck 20c, per single bush 75c.

CORN—Mammoth Southern Sweet Ensilage—Peck 20c, bush 75c.

CORN—Yellow Horse-Tooth or Dent—Peck 20c, bush 75c.

Pride of the North (Early Golden Dent Corn)—This variety matures very early. The stalks usually grow from 8 to 10 feet in length, and produce from 1 to 3 good ears. Peck 30c, bush 80c.

Leaming Corn—The Leaming is a Dent variety; nearly always two good ears to each stalk. It withstands severe drouth, by reason of its earliness in maturing, strong and vigorous growth and its stalky and leafy nature, which enables it to stand up until ripe. Peck 25c, bush 80c.

KAFFIR CORN

RED—Per pkt 5c, lb 15c, 5 lbs 75c, postpaid. By express, 20 lbs \$1.20, 100 lbs \$5.00.

WHITE—Per pkt 5c, lb 15c, 5 lbs 75c, postpaid; 20 lbs \$1.20, 100 lbs \$5.00.

We do not pay Freight on Seed Grain

Genuine Dwarf Essex Rape is the Greatest Pasture and Soil Improver Grown

Fodder Corn

Prices Quoted are Net Cash. We do not Pay Freight on Seed Grain

Send for Weekly Price List of Seed Grains, Clovers and Grasses
When ordering Corn do not forget to include price of Bags

DENT VARIETIES

SIMMERS' EARLIEST RIPE FODDER CORN

This Corn will ripen in 60 days and furnish magnificent feeding corn just at a time when farmers are short of corn. If you plant this early you will have fine feeding Corn by July, when you can replant same and have good fodder Corn in September. Now there has been for the past few years a great demand, or better, a call, for an extremely early Fodder Corn, and in order to meet this demand, we now offer the *most perfect, earliest, rich Fodder Corn in existence*. This corn will ripen out ears inside of 60 days after planting, and usually from 2 to 3 ears on the stalk. The foliage is about 6 feet high, very leafy and bushy, and contains a tremendous amount of nutritious matter. Of course this may not be as prolific as some other fodder corns, but it has the advantage over any and every other Fodder Corn by its being 30 days earlier. The farmer can easily figure out the great profit in having a Fodder Corn extremely early, having it come at the time when pasturage is short, and he can then feed this rich luxuriant Simmers' Earliest Ripe Fodder Corn. If you are raising hogs or cattle, this Corn, above all other Corn, will return to you a tremendous profit, on account of its extreme earliness, on account of its large and many ears, and healthy nutritious qualities.

Price—Per lb 15c, 3 lbs 40c, postpaid. By express or freight—peck 50c.

NOTE—Owing to the scarcity of this variety we are unable to offer this in larger quantities than one peck.

White Cap Yellow Dent

This corn is the best Early for Ensilage yet introduced. Large, heavy stalks and ears. This variety has more genuine merit, more fine and lasting points than any corn in cultivation. It is from 7 to 10 days earlier than many varieties, and on poor thin soil will out-yield the Leaming by at least 30 per cent. The originator claims it has more testimonials for *earliness, easy shelling, productiveness, beauty, growing strength, fodder and all round qualities* than any other variety. It is sure to please every farmer trying it. *We can specially recommend it.* Price, per lb 10c, postpaid; peck 30c, bushel \$1.00, 2 bushel at 95c, 5 bushel at 90c.

The Early Mastodon

Claimed to produce the longest grains and longest ears of any 100-day corn in cultivation, with most extraordinary yielding qualities. One American farmer claims to have grown on one acre 15,898 lbs or 213 bushels of shelled corn. The stock has been most carefully selected and the variety pure. It grows quick, strong and powerful, and is a most wonderful corn. Price, per lb postpaid 10c, peck 30c, bushel \$1.00, 2 bushel at 95c, 5 bushel at 90c.

Wisconsin Yellow Dent

This variety has been brought to this present nearly perfect type by careful selection, and is in every way one of the most desirable kinds. Average weight of ears 9 to 10 ozs., with many rows, there being generally from 8 to 20, and often as high as 21, kernels of a bright yellow color, cobred. Per lb 10c, postpaid; peck 30c, bushel \$1.00, 2 bushel at 95c, 5 bushel at 90c.

Wisconsin White Dent

Ears average 16 rows, grains extra long and wide, two of which will span the cob, which is usually small for the size of the corn, and is generally white. The stock is short and thick, with ears set low; roots deeply, easily withstanding severe storms and droughts. Per lb 10c, postpaid; peck 30c, bushel \$1.00, 2 bushel at 95c, 5 bushel at 90c.

Hickory King Corn

So large are the grains and so extremely small the cob that on an ear broken in half a single grain will almost completely cover the cob section. Of strong, vigorous growth, the stalks take a firm hold in the ground and stand upright, resisting the severest storms. The stalks bear generally two good ears each, and occasionally three. It yields splendid crops on light soil. Price, per lb 10c, postpaid; peck 30c, bushel \$1.00, 2 bushel at 95c.

Chester County Mammoth

It yields under good cultivation, from one hundred to one hundred and thirty bushels shelled corn per acre. The ears are very large, containing 14 to 32 rows of medium sized white grains. It furnishes a large amount of fodder, growing 12 to 16 feet high. It is undoubtedly one of the best white varieties. Price per lb 10c, postpaid; peck 30c, bushel \$1.00, 2 bushel at 95c, 5 bushel at 90c.

Mammoth Cuban Yellow

The grains are pure yellow, and very large, broad and long, and very showy, and of stronger vitality than any variety in cultivation, a very strong point in its favor. The fodder grows on the stalks in great quantities and of the finest flavor. It is the best milk producer of all the field ensilage corns, being as sweet and tender as sugar corn. Price, Per lb 10c, postpaid; peck 30c, bushel \$1.00, 2 bushel at 95c, 5 bushel at 90c.

Cuban Giant White

Similar to the preceding, grains white. Price per lb 10c, postpaid; peck 30c, bushel \$1.00, 2 bushel at 95c, 5 bushel at 90c.

Early Butler

This is without doubt the earliest Dent Corn in cultivation. It is a cross from Pride of the North, grows good-sized ears with long grains and very small cob, corn of a beautiful golden yellow color. *The Butler is adapted for high latitudes and will mature farther north than any known variety.* It grows strong and very quickly. Price, per lb 10c, postpaid. By express or freight peck 30c, bushel \$1.00, 2 bushel at 95c, 5 bushel and over 90c per bushel.

Evergreen Sugar

For Green Fodder—There is nothing better for early fall green feed, or for curing for winter than sweet corn. It has the great merit of being so sweet and palatable that cattle eat every part of the stalks and leaves, and consequently none is wasted. A favorite with dairy farmers. Also excellent for silage. Can be planted as other corn or sown thickly in drills or broadcast. Per lb 15c, 3 lbs 40c, postpaid; peck 40c, ½ bushel 75c, bushel \$1.40, 2 bushel \$2.80.



FLINT VARIETIES

Mammoth 8-Rowed Yellow

It is entirely distinct, being as described, the Mammoth 8-Rowed Yellow Corn a great improvement on the old yellow Canada Corn, 8-rowed, which is the general corn used by farmers for feeding purposes. The ears when harvested are long and well filled with corn which is double the size of the ordinary Yellow Canada Corn or the Compton Early Yellow. Our experience is that the Mammoth 8-Rowed Yellow will give more green feed to the acre than any other variety, because it stools out well and produces any amount of green foliage, and does not dry down as rapidly as a Dent Corn, consequently it will be an excellent variety for farmers to grow for ensilage. Prices, per lb 15c, 5 lb 60c, postpaid; peck 30c, bushel \$1.10, 2 bushel at \$1.05, 5 bushel at \$1.00.

Rural Thorough-bred White Flint

A new variety of spreading habit, not more than one kernel should be grown in the hill. Its great suckering habit, breadth of blade and smallness of stock recommend it as a fodder plant, while for ensilage purposes it is most valuable. Per lb 10c, 5 lbs, postpaid 50c, peck 35c, bushel \$1.10, 2 bushel or over \$1.05 per bushel.

Compton's Early Yellow

The productiveness of the Compton is remarkable, with more rows to cob than any other Flint Corn. The grains are very small, round and heavy. It is very hardy and sure to grow and produce a crop. The ears are of perfect shape, with from 10 to 14 straight rows of brightest golden yellow grains of remarkable size and filled out completely to the extreme end of cob. The richness of color and fine quality of grain make it very superior for grinding into meal. Although the kernels are firm on the ear the ears are easily shelled, and in every respect present as perfect a type as could be desired. 8 to 10 feet. Per lb, postpaid, 10c, peck 25c, bushel 90c, 2 bushel at 85c.

Salzer's North Dakota White Flint

A grand variety, matures early, yields enormously, produces a larger number of good ears, and a smaller number of poor ears than any other variety. Will ripen in nearly all sections of Ontario. Our supply has been grown in Canada which is the strongest recommend for its adaptability to this climate. Price, lb 10c, peck 30c, ½ bushel 55c, bushel \$1.

Early Yellow Canada

The earliest yellow for field or table use. Per lb, postpaid, 10c, peck 25c, bushel 90c.

Angel of Midnight

(One hundred day). An extra early eight-rowed yellow Flint variety; grains are very large and are compactly set on a very small cob. Per lb, postpaid, 10c, 5 lbs postpaid, 50c, peck 25c, bushel 90c, 5 bushel at 85c.

Longfellow

An eight-rowed yellow Flint variety; with ears 10 to 15 inches long, cob small, kernels quite broad. Price, per lb, postpaid, 10c, 5 lbs, postpaid, 50c, peck 25c, bushel 90c, 5 bushel at 85c.

Early White Flint

Very desirable for table use. Price, per lb, postpaid, 10c, peck 30c, bushel \$1.00, 5 bushel 95c.

King Philip

(Reddish Flint)—One of the oldest and best known of the Flint varieties. Price, 10c lb, peck 30c, bushel \$1.00, 5 bushel at 95c.

SEED OATS

"CANADIAN PRIDE"

OATS

NOTE.—We have had grown for us only a limited stock of this variety, we would therefore request customers desirous of securing seed to order early.

Simmer's "Canadian Pride" Oat is without a blemish, without a fault or flaw,—and we predict for it the most wonderful run that any Oat has ever had. Now, we know that this is a strong statement, but we know also that this Oat will back up anything and everything that we can say in its favor. To our mind it is the only absolutely perfect Oat of to-day,—perfect in all respects, perfect in growth, in vigor, in yield and quality. This is certainly the greatest Oat we have ever seen, and we think the many years that we have spent in originating and producing farm seeds entitle us to this opinion.

Canadian Pride Oat is a very plump, heavy variety, but at the same time having *thin hulls*. All the heavy varieties that we have heretofore seen have had such thick, hard hulls as to be almost valueless for feeding purposes. We are glad, therefore, to be able to offer this "Canadian Pride" Oat, which combines *hardiness, vigor and productiveness*, with heavy grain and the best of feeding qualities. The oats are white and have good large kernels. They weigh forty pounds to the measured bushel. It is a branching variety with very stiff straw of vigorous growth, free from smut and rust. The stooing qualities of the oats are remarkable. It should not be sown too thick, using but 1½ measured bushels per acre.

Price—lb 20c, 3 lb 50c, postpaid; By express or freight—Peck 40c, bush. \$1.20, 2 bush. \$2.30, 5 bush. \$5.50, 10 bush. \$10.50. Cotton bags included.

"BLACK MESDAG"

We believe it is the earliest black oat in cultivation, having ripened the past season in 90 days, and early oats always pay and pay big, because they are the first in the market. The straw is strong and stiff, and so far has never shown the slightest signs of rust. It is the hardiest and healthiest variety grown. It is full of fresh new blood and overflowing with vigor; so strong is it that protracted droughts, heavy rains have no effect upon its growth. In these years of changeable weather, we need something we can always count on, always sure of, and if you can be sure of anything it is a crop of Black Mesdag Oats. It is one of the greatest yielding oats on record. At the Central Experimental Farm, Ottawa, it yielded at the rate of 80 bushels per acre this past season. It has a large branching head filled with plump grain, and is one of the heaviest black oats in the market. It weighs considerably more than one would believe by just glancing at it, owing to its having a very thin hull.

Price—lb 15c, 4 lbs 50c, postpaid. By express or freight, peck 30c, bush. \$1, 2 bush. \$2, 5 bush. \$4.75, 10 bush. \$9, cotton bags included.

WHEAT—Spring

Herison Bearded—Not only has this variety given the largest yield of grain per acre, but it has also produced the largest average weight per measured bushel. It is amongst the nine best milling varieties, the kernels are short, thick and of a darkish red color, the straw is fairly long, stands up straight and is entirely free from rust, matures moderately early, and is considered the best all round variety of Spring Wheat. **Price**—per lb 15c, 4 lbs 50c, postpaid; peck 50c, bush. \$1.50.

CAMPBELL'S WHITE CHAFF—Bald, club-shaped, with a compact and rather heavy head; good, thrifty grower; strong straw, about 3 feet high; one of the earliest Spring Wheats. The grain is white, thin-skinned and very plump. Per lb 15c, 5 lbs 50c, postpaid; peck 45c, bushel price on application.

Colorado Spring Wheat—It is a light amber; rather short, thick berry; the heads are a good size; white straw and chaff, stands up well and ripens early. **Price** per lb 15c, 5 lbs 50c, postpaid; peck 45c, bushel price on application.

For other leading varieties, such as **Red Fern, White Russian, Red or Scotch Fife, Wild Goose**, etc., see our Weekly Farmers' Price List of Grains and Grasses, sent on application.

WHEAT—Winter

Our Fall Catalogue of Winter Wheats, Grass Seeds, Fertilizers, etc., is issued about August 15th of each year, and sent free to all who apply. **Send in your address now.**



Siberian Oats

The straw medium long, stands well and even under most unfavorable circumstances does not rust. **Price**—Per lb 15c, postpaid; 5 lbs 50c, peck 25c, bushel 80c.

"THE NEWMARKET"

Judging from reports received, it has already become a standard variety, and we unhesitatingly state that the **Newmarket** is not surpassed by any variety in this country for **Productiveness and standing up qualities**. It is a white variety with large branching heads. Kernels large, of medium length, uniform and taper pointed. Straw of good length and very seldom goes down. **Price**—per lb 15c, 4 lbs 50c, postpaid; peck 30c, bushel 80c, 2 bushel \$1.50, 5 bushel and over \$3.50.

Golden Tartarian Side Oats

Golden Tartarian is not so rank a grower as the Newmarket but good length of straw, very stiff, side oat, same as Black Tartarian but much longer heads, filled with grains of golden color. We believe this variety will entirely drive out the old Black Tartarian which has been such a favorite for years, as this variety has all the good qualities of the Black and none of the bad, such as rust and smut. **Price**—per lb 15c, 4 lbs 50c, postpaid; peck 30c, bushel 80c, 2 bushel \$1.50, 5 bushels \$3.50.

Imported Black Tartarian

The Black Tartarian is of the best variety of Black Oat in cultivation. The grain is black and is produced on the side of the head. The stock we offer was grown in East Lothian, Scotland, and is of excellent quality. **Per peck 60c, bush. \$2.**

Standard Varieties

We can also supply the following varieties and in case large quantities are required write for our Farmers' Weekly Price List:

Peerless—Per lb 15c, 5 lbs 50c, postpaid; peck 25c, bushel 70c, 2 bushel at 65c.

WHITE MAIN—Per lb 15c, 5 lbs 50c, by mail, postpaid. By express or freight, peck 25c, bushel 75c, 2 bushel \$1.50.

White Challenge—Per lb 15c, 5 lbs 50c, free by mail, peck 25c, bushel 75c, 2 bushel at 70c, 5 bushel or over 65c per bushel.

The Lincoln—Per lb 15c, 4 lb 50c, postpaid; peck 25c, bushel 75c 2 bushel or more at 70c.

Black Goanette—Per lb 10c, 5 lbs 50c, postpaid; peck 25c, bushel 65c.

Black Tartarian—Grown from imported seed. Peck 25c, bushel 70c, 2 bushels at 65c.

PEAS

CANADIAN BEAUTY—Per lb (postpaid) 15c, 5 lbs (postpaid) 50c, peck 40c, ½ bush. 65c, bush. \$1.20, 10 bush. at \$1.15.

Mummy—It ripens about the same time as the Marrowfat, bearing its pods on the top of the haulm, yields one-half more peas to the acre than any other field variety. Per lb (postpaid) 10c, peck 30c, bushel \$1.10, 10 bushel at \$1.00.

Multiplier—A fine white Pea, which matures a few days earlier than the Golden Vine. It is much more productive than any of our common field varieties. **Price on application.**

Also the following varieties of Peas:—**Golden Vine, White Marrowfat, Black-Eyed Marrowfat, Prussian Blue, Prince Albert, Crown**. **Price on application.**

SPRING RYE—Bushel 90c.

TARES OR VETCHES—For spring sowing. Per bushel \$1.40.

PRICE OF BAGS

When bags are required for filling orders, they will be supplied at the following prices, which should be remitted with the amount of order:

1 Peck, Cotton	at 10c each.
½ Bushel, Cotton	at 12c
1½ Bushel Potato Bags	per doz \$1.00 10c
2 Bushel, Linen	1.25 12c
2 Bushel, Cotton, Seamless	2.75 25c
2 Bushel, Cotton, Seamless	2.25 20c
2 Bushel, Cotton, Seamless	2.00 18c

Do not forget to order some of our new Oat "Canadian Pride."

GRASSES

NOTE—FOR GENERAL SEEDING sow one-third clover and two-thirds timothy. This produces hay of excellent feeding quality for stock in general. Write us for prices on any mixture wanted for hay or permanent pasture.

A GOOD REFERENCE BOOK—"HANDBOOK ON THE GRASSES OF NORTH AMERICA," PRICE \$1.75, POSTPAID



Bromus Inermis—Awnless Brome Grass

BLUE GRASS, Extra Clean—Per lb 15c, 10 lbs \$1.40.

RED TOP, Extra Clean—Per lb 15c, 5 lbs 70c, 10 lbs \$1.40.

SIMMERS' LAWN ENRICHER, for old and new lawns—For full description see page 90. 5 lbs 50c, 10 lbs 75c, 25 lbs \$1.50, 50 lbs \$2.75, 100 lbs \$5.00. Prices for larger quantities on application.

THE greatest care is exercised in the selection of our Grass and Clover Seeds. Choice samples are the cheapest, sow further and are the most satisfactory in the end. Where prices are not quoted, they will be furnished with samples on application.

LAWN GRASS

THE MOST BEAUTIFUL LAWNS IN CANADA are made with **Simmers' "Toronto Parks" Lawn Grass Seed**, which we sell in large or small quantities to suit the pretentious lawn or the modest door-yard plot. With it you can renovate old or make new **Lawns and Grass Plots** as soft as velvet and as green as emerald all summer long.

TORONTO PARKS MIXTURE, Finest Quality (with or without White Clover)—Per lb 25c, postpaid 30c. By express or freight 5 lbs \$1.15, 10 lbs \$2.20, 25 lbs \$5.25, 50 lbs \$10.00, 100 lbs \$20.00.

White Dutch Clover, for Mixing with Lawn Grass Seed—Per lb 30c.

"SHADY NOOK" MIXTURE—For sowing under trees and in shady places. It will not only grow in such places, but forms a fine sward where few other grasses can exist. Sow 40 lbs per acre. Per lb 35c, postpaid 40c.



AWNLESS or HUNGARIAN BROME GRASS (Bromus Inermis), The Great Forage Grass of Our Northwest—Not only is it the grass for dry sections, but it can be raised on almost all kinds of soil and in any climate. It gives a luxuriant crop, particularly on fresh sandy loam soil, and where the climate is warm. It is found that animals eat it greedily, whether in the green or in the dry state, so that it can be used as mown or saved for winter use. Useful in filling up gaps where clover crops have failed. Lb 20c, postpaid 24c, 100 lbs \$15, carriage extra.

CANADIAN BLUE GRASS (Poa compressa) Hardest Grass in Cultivation—It is an excellent grass for dry, sandy, thin soils and banks, and for covering the surface of rocky soils, and upon all soils that are affected seriously by long-continued droughts. Per lb 15c, per bushel of 14 lbs \$1.40.

Creeping Bent Grass (Agrostis stolonifera)—A variety similar to the Red Top Grass, somewhat lower in growth. Per lb 30c, 10 lbs \$2.75.

Crested Dog's Tail or Comb Grass (Cynosurus cristatus)—Well suited for lawns from its readiness to take root and its dense, compact habits. Lb 35c.

Hard Fescue (Festuca duriuscula)—Will thrive in a great variety of soils, and resists the effect of drought well; from its fineness of foliage, it is well adapted for lawns or sheep pasture. Per lb 20c.

Honey, or Meadow Soft Grass (Holcus lanatus)—It grows 3 feet in height, and is suitable for all soils. While no variety suits better for lawns, it is, however, of no use for cattle, as they will scarcely touch it. Per lb 20c.

Italian Rye Grass (Lolium Italicum)—A biennial variety of rapid growth, succeeding well in all kinds of soil, and well adapted for mixing with white clover for lawns; it is indispensable for an early crop of green feed. Per lb 13c, 10 lbs \$1.25.

Kentucky Blue, or Smooth-Stalked Meadow Grass (Poa pratensis)—It sends up flower stalks 1½ feet high only once in the season; it is therefore less adapted for hay than for early and permanent pastures. For water meadows it is one of the best. Per lb 15c, 10 lbs \$1.40.

Meadow Fescue (Festuca pratensis)—A highly valuable species for permanent grass lands; it does not, however, attain its full productive powers till the second or third year, when it exceeds most other sorts in the quantity of its produce and nutritive matter; it is relished by live stock, both in hay and pasture. Sow 40 lbs to the acre. Per lb 15c, 10 lbs \$1.40.



Cahoon Broadcast Seed Sower

A hand-machine very largely used. The quantity to be sown is easily regulated. It will seed evenly four to six acres per hour. It will scatter the following distances: Wheat, Barley, Rye, 25 feet; Clover and Timothy, 18 to 20 feet. The bag and hopper hold about 22 quarts. Weight 5½ pounds. Price, each, \$4.00.

Meadow Foxtail (Alopecurus pratensis)—One of the best grasses for permanent pastures, being early and rapid in growth, does best in rich moist soil. Per lb 35c.

Orchard Grass (Dactylis glomerata)—Though a rather coarse grass, yet this variety is of such early and rapid growth, that on account of this quality alone it is valuable as a pasture grass on light soils from the quantity of herbage it affords. It should be used for green feed exclusively, because when old and dry, or made into hay, neither horses nor cattle are fond of it. Per lb 15c, 10 lbs \$1.40.

Perennial, or English Rye Grass (Lolium perenne)—One of the best grasses adapted for producing a bulky crop of hay with or without clover, producing three or more years pasture. Per lb 10c, 10 lbs 85c.

Red Meadow Fescue (Festuca rubra)—An excellent variety, suitable for lawns exclusively, on account of its creeping nature, not growing over one foot in height, requiring little mowing, and forming so thick a turf as to suffer few intruding plants. Per lb 20c, 10 lbs \$1.85.

Red Top Grass, Perennial (Agrostis vulgaris)—A hardy permanent grass of rather low growth, succeeding in almost any soil, and well adapted for pasture land. Per lb 15c, 10 lbs \$1.40.

Sheep's Fescue (Festuca ovina)—A dwarf variety not over six inches in height; it has a fine sweet foliage, well adapted to the masticating organs of sheep, and for producing delicate mutton, but totally unfit for hay. It is, however, an excellent grass for lawns, requiring little mowing. Per lb 20c, 10 lbs \$1.85.

Sweet Vernal Grass (Anthoxanthum odoratum)—For a mixture with pasture grasses it is valuable on account of its vernal growth, and continuing to throw up root foliage until late in autumn; for meadows, its chief merits are its fragrant odors, which the leaves emit when dry, thus sweetening hay; it is a vegetable condiment rather than as a grass of much nutritious value. Sow 35 lbs to acre. Lb 40c.

Tall Fescue (Festuca elatior)—Of strong growth, very productive, good both as hay and green food; also for permanent pasture, for moist and strong soils, and irrigation purposes. Per lb 25c, 10 lbs \$2.25.

Tall Meadow Oat Grass (Avena elatior)—A bulky, tall, productive grass, much relished by all cattle, and well adapted as a grass for soiling. Lb 30c, 10 lbs \$2.80.

TIMOTHY GRASS (Phleum pratense)—Market price variable. Per lb 10c.

Water Meadow Grass (Poa aquatica)—In flooded situations it grows luxuriantly, and forms a rich pasture in summer. Per lb 35c.

Wood Meadow Grass (Poa nemoralis)—Well adapted for woody lands, two feet high, forming valuable pasture. Per lb 30c, 10 lbs \$2.85.

Yellow Oat Grass (Avena flavescens)—Hardy and early, valuable for dry meadows, pastures or lawns. Per lb 40c.

Common Millet (Panicum miliaceum)—There are many varieties of Millet, but none used so extensively as the common variety. Lb 10c.

GERMAN MILLET—The true German Millet will grow in any climate or soil, and when properly grown and handled makes an enormous yield of most nutritious animal feed, and that without impoverishing the soil to any great extent. To get these results, however, German Millet must be sown thickly, at the rate of one bushel per acre, at any time between May 1st and July 15th, and the crop cut in six to eight weeks, while it is in bloom, before the seed hardens in the head. Managed in this way German Millet will prove the most satisfactory and profitable forage and summer hay crop, much relished by all kinds of stock. Per lb 10c, 3 lb 30c, postpaid. By express or freight 10 lbs 50c, bush of 48 lbs \$1.75.

Hungarian Grass (Sectaria Italica)—A most valuable, rapid growing variety of grass of annual nature, particularly well adapted for light ground, will yield an abundant crop, and when cut before seeding produces hay much relished by all kinds of cattle. Market price variable. Per lb 10c.

JAPANESE MILLET—A variety recently introduced and greatly surpassing the ordinary variety of Millet and Hungarian grass in vigor of stalk, yield of seed and value of crop. The stalks are very juicy, making excellent green food. When cured as hay, chopped, moistened and sprinkled with meal, it is readily eaten by cattle and horses. Sow in drills 15 inches apart, with 12 to 15 pounds per acre. It should be generally tried this season. Price, postpaid, pkt 5c, lb 15c, 3 lbs for 40c, by mail; 10 lbs 85c, carriage extra. Price for larger quantities on application.



Orchard Grass

NOTE—For prices of Grass Seeds in Quantity see next page.



Head of German Millet

We will send one large package of each of the above 25 varieties of Grass seeds, correctly named, for \$1.50 postpaid, or any 17 varieties for \$1.00 postpaid, or any 8 varieties for 50c. When wanted by mail add 4 cents per lb to above prices.

CLOVER SEED

"CLOVERS ARE THE FOUNDATION OF FARMING."

(Clover seed being subject to constant variations, prices will be ruled by the market).

ALSIKE CLOVER (*Trifolium Hybridum*)—It is a perennial, therefore adapted for permanent pastures or for hay crop. Perfectly hardy; never heaves or throws in the winter, thrives equally well on wet or dry soil, through extreme drouth or excessive rains. Sow six lbs per acre in spring. Lb 20c, postpaid 25c; per bushel of 60 lbs. market price variable.

SAINFOIN or ESPARSETTE (*Onobrychis Sativa*)—An excellent perennial Fodder Plant, growing to the height of about three feet, and flowering in June and July. It is naturally adapted for light chalky soils, being an enriching, heat resisting clover, and may be sown either broadcast or drilled. It will require, broadcast, about 25 pounds per acre; if drilled, 15 to 20 pounds. Lb 15c, postpaid 20c; 10 lb \$1.25, 25 lbs \$3.00.

Common Red Clover (*Trifolium pratense*)—Will succeed in any soil of moderate fertility. Per lb 15c, postpaid 20c; per bushel of 60 lbs. lowest market price on application.

MAMMOTH RED or COW GRASS (*Trifolium pratense perenne*)—Of great value if sown upon exhausted land; grows from 5 to 6 feet, and highly recommended for ploughing under for manure. Per lb 15c, postpaid 20c; per bushel of 60 lbs. lowest price on application.

Crimson or Carnation Clover (*Trifolium incarnatum*)—Should be sown in the early summer, and will then make excellent pasture in the fall, the open winter and the spring. Per lb 15c, 4 lbs 50c, postpaid. Per bushel price on application.

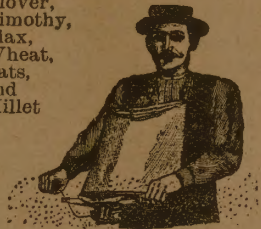
WHITE DUTCH (*Trifolium Repens*)—Most valuable in mixture for permanent pastures, forming with natural grasses the finest and most nutritious food for cattle and sheep. Price varies. Lb 30c, postpaid 35c.

YELLOW TREFOIL or HOP CLOVER (*Medicago lupulina*)—A prolific and hardy variety, is excellent for dry pastures; should not be sown alone. Lb 15c, postpaid 20c.

Bokhara Clover (*Melilotus vulgaris*)—For bees. Of large and vigorous growth; blooms early in August; may be cut three times during the season, and yields three tons upwards of hay per acre. Sow in spring. Per lb 15c, postpaid 20c.

LUCERNE or ALFALFA CLOVER—A perennial, and when once properly seeded in suitable soil produces fine crops for several years. It has a remarkably strong growth, and its cultivation is simple, requiring no more care and attention than a crop of the ordinary red clover, the ground should be thoroughly mellowed by clean and careful tillage, the seed sown with any grain crop in the spring, or as a separate crop, at the rate of 10 or 12 pounds per acre, and the second year it will become thoroughly established. Lb 15c, postpaid 20c; per bushel of 60 lbs. lowest market price on application.

Will sow Clover, Timothy, Flax, Wheat, Oats, and Millet



Guaranteed to sow 60 acres of clover per day.
The "Little Giant" Geared Seed Sower. Price \$2, or postpaid \$2.50.



Crimson Clover



Alfalfa or Lucerne Clover

GRASS MIXTURES

Simmers' Special Grass Mixture for Permanent Pasture consisting of the following varieties: Orchard Grass, Meadow Foxtail, Sheep's Fescue, Rhode Island or Creeping Bent, Hard Fescue (*true perennial*), Meadow Fescue, English Rye Grass, Italian Rye Grass, Red Top, Blue Grass, etc., as recommended in the well known and standard work, entitled "How the Farm Pays" (by Henderson), blended in proportions which have been found, from actual use, to give the most satisfactory results.

On ordinary fertile soil two to three bushels of this mixture is sufficient to seed an acre.

To this mixture, intended for either Mowing Lands or Pasture (but which on account of its greater weight should be sown separately), should be added 10 lbs. of Mixed Clover, comprising White, Mammoth Red or Cow Grass, Alsike, Trefoil, etc., but this must be sown in the spring, as it is rather tender in this latitude if sown in the fall.

The Quantity (10 lbs.) of Mixed Clover Needed to Sow an Acre we will sell for \$2.00.

Permanent Pasture for Light Soils.....	\$2.50 per bushel of 14 lbs.
Permanent Pasture for Medium Soils.....	
Permanent Pasture for Heavy Soils.....	
SIMMERS' Grass Mixture for Orchards and Shady Places.....	
SIMMERS' Special Grass Mixture for Hay Only.....	
SIMMERS' Grass Mixture for Permanent Pasture Only.....	

10-Bushel Lots and upwards, \$2.25 per bushel:
(Special Quotations for Larger Quantities).

Simmers' Special Grass Mixtures for Temporary Pasture—Consisting of Tall Meadow Oat Grass, Orchard Grass, English Rye Grass, Italian Rye Grass, Meadow Foxtail, Hard Fescue, Sheep's Fescue and Meadow Fescue, Red Clover, White Clover, Alsike, Trefoil and Timothy, blended in their proper proportions for the time specified. *Incomparably superior to the ordinary Timothy and Clover Mixture.*

For One Year—1 bushel Mixed Grasses, \$2.00. 10 lbs. Mixed Clovers, \$1.75. Total cost per acre, \$3.75.

For Two Years—2 bushels Mixed Grasses, \$4.00. 10 lbs. Mixed Clovers, \$1.75. Total cost per acre, \$5.75.

For Three or Four Years—3 bushels Mixed Grasses, \$6.75. 10 lbs. Mixed Clovers, \$1.75. Total cost per acre, \$8.50.

(Special Quotations for Large Acreages).

PRICE LIST OF GRASS AND CLOVER SEEDS IN QUANTITY

When Clover and Grass Seeds are to be sent by mail, 5 Cents Per Pound must be added to the following prices. We will supply 20 lbs or over at the 100 lb. rate, and 5 lbs. or over at the 10 lb. rate; for smaller quantities the lb. price will be charged. The following prices are values at time of issuing this Catalogue, January 1st, and are subject to Market Changes.

CLOVERS

	Per lb.	10 lbs.	100 lbs.
Alsike, Simmers' Best.....	20c	\$1 90	
Alsike, Choice.....	18c	1 70	
Alsike, Prime.....	18c	1 50	
Alsike and White, Mixed.....	15c	1 40	
Bokhara.....	15c	1 40	
Crimson or Scarlet.....	15c	1 40	
Lucerne, Choice.....	15c	1 40	
Lucerne, Prime.....	13c	1 20	
Mammoth Red Clover, (choice).....	15c	1 40	
Mammoth Red Clover, Prime.....	14c	1 30	
Red Clover, Simmers' Best.....	15c	1 40	
Red Clover, Choice.....	14c	1 30	
Red Clover, Prime.....	13c	1 20	
Sainfoin.....	15c	1 25	
Timothy, Simmers' Best.....	10c	65	
Timothy, Choice.....	08c	60	
Timothy, Prime.....	07c	50	
Trefoil, Yellow.....	15c	1 30	
White Clover, Choice.....	30c	2 75	
White Clover, Prime.....	25c	2 30	

GRASSES

	Per lb.	10 lbs.	100 lbs.
Blue Grass, Canadian, Best.....	15c	\$1 40	\$11 00
Blue Grass, Canadian, Good.....	10c	90	8 00
Blue Grass, Kentucky, Choice.....	15c	1 40	11 00
Blue Grass, Kentucky, Fancy.....	20c	1 75	15 00
Bromus Inermis (Awnless Brome).....	20c	1 60	15 00
Creeping Bent.....	30c	2 75	25 00
Crested Dogtail.....	35c	3 40	32 00
Hard Fescue.....	20c	1 85	17 50
Hungarian, Best Re-cleaned.....	05c	30	2 10
Italian Rye Grass.....	13c	1 25	10 00
Meadow Foxtail.....	35c	3 40	32 00
Meadow Fescue.....	15c	1 40	13 00
Millet, Golden, Fancy Cleaned.....	10c	50	3 50
Millet, Best Re-cleaned.....	10c	25	2 00
Orchard Grass, Best Quality.....	20c	1 80	16 00
Orchard Grass, Choice Quality.....	15c	1 40	13 00
Perennial Rye Grass.....	10c	85	8 00
Red Fescue.....	20c	1 85	18 00
Red Top, Choice Quality.....	15c	1 40	13 00
Red Top, Fancy Cleaned Best.....	17c	1 60	15 00
Sheep's Fescue.....	20c	1 85	18 00
Sweet Vernal.....	40c	3 75	
Tall Fescue.....	25c	2 25	22 00
Tall Oat Grass.....	30c	2 80	27 00
Water Meadow Grass.....	35c	3 25	30 00
Wood Meadow Grass.....	30c	2 85	27 50
Yellow Oat Grass.....	40c	3 80	

Customers ordering Grass Seed sufficient for one acre or more are allowed the privilege of 100 lb. rate. Please allow for Bags when remitting.

Have you Beeswax? We Buy it. Let us know your price.
Cash or supplies.

Ontario Agricultural College (Guelph) formula of Grasses and Clovers for permanent pastures.

Six lbs Meadow Fescue, 3 lbs Timothy, 2 lbs Canadian Blue Grass 3 lbs Orchard Grass, 3 lbs Red-top Grass, 4 lbs Lucerne Clover, 1 lb White Dutch Clover, 1 lb Alsike Clover, 2 lbs Red Clover; total 17 lbs Grasses and 3 lbs Clovers, being the quantities required for an acre. \$3.00 for 25 lbs; 1b 15c, postpaid 20c. If larger quantities are wanted please write for price.

FLORAL NOVELTIES AND SPECIALTIES

FOR

1900



GIANT PRIZE PANSY "MASTERPIECE"

780. This strain represents really the highest perfection in the Giant Five spotted Pansies and for this reason it has been named "Masterpiece."

The growth and general habit of the plants is strong, bushy but compact, lasting longer than other Pansies and showing a healthier appearance when warm and dry weather sets in. The enormous large flowers are borne well above the foliage on strong stems, and possesses greatest substance, are perfectly round and contain the richest combination of colors, that have ever been offered in a five spotted strain of Pansies.

Each petal is distinctly marked with a very large dark blotch and most of the flowers are margined with a light, white or yellow edge.

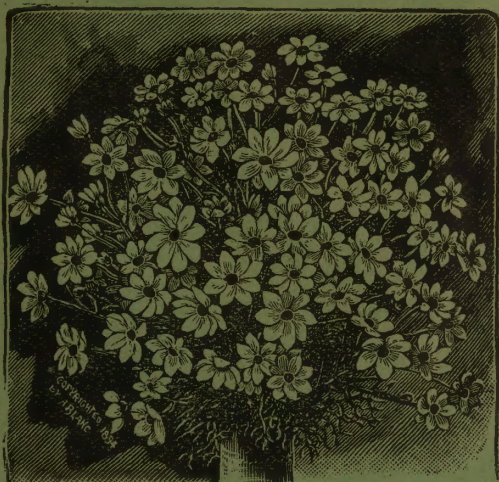
Per pkt 40c.

EARLY FLOWERING COSMOS

Cosmos are unquestionably very handsome flowers, and it is astonishing how quickly they have become general favorites. Only a few years ago they were practically unknown. There is but one objection to their giving general satisfaction and that is their late flowering habit. The plants require a very long time to develop, and that brings their flowering season late in the fall. This objection will not be found in our "early flowering" strain. Seed sown in the open ground in the beginning of May, will produce blooming plants in August, and they will continue to flower until late in fall. We know of no single flower that is as handsome and chaste as the Cosmos, while for keeping qualities when cut they are unexcelled.

781. **Early Flowering Mixed**—Pkt 10c; 3 pkts 25c.

782. **Yellow Cosmos**—Is a distinct variety, which blooms all summer and fall. Flowers sulphur yellow, from 1 to 1½ inches in diameter, the plants attaining a height of about 2 feet. Pkt 10c.



Early Cosmos

HELIOTROPE—LEMOINE'S GIANT HYBRIDS

Should we devote this entire page to an illustration it would fail to give an adequate idea of the grand size and rare beauty of the flower heads of this wonderful novelty. On one mammoth flower-head we observed thousands of individual flowers. The trusses measure from ten to fifteen inches across. Their fragrance is delicious and powerful. The colors are from pure white through all shades of violet and blue to deep indigo.

783. Per pkt 10c, 3 pkts for 25c.



LARGE FLOWERING DWARF SNAPDRAGON or ANTIRRHINUM

Compact, thrifty, bushy plants. For low flower beds and edgings they are charming subjects, and for pot culture they are scarcely of less value. Colors include white, striped, orange, rose, canary, crimson, copper color, vermillion, flesh, garnet, scarlet, etc.; flaked and mottled and dotted.

784. **Golden Queen**—Pure yellow. Pkt 10c.

785. **Queen of the North**—Densely covered with large white flowers. A gem for beds and borders and valuable for pot culture. Pkt 10c.

786. **Victoria**—White and red, very fine. Pkt 10c.

787. **Atrococcineum**—Deep scarlet. Pkt 10c.

SPECIAL OFFER—One pkt each of the 4 varieties, large flowering Dwarf Snapdragons, 30c.

GIANT SNAPDRAGONS

(*Antirrhinum Majus*
Grandiflorum)

The Snapdragons do not seem to receive from amateurs the attention they deserve.

These handsome and profuse flowering plants have long been favorites in our gardens. They are of very easy culture, even in rather dry locations, growing sturdily and producing quantities of flowers throughout the summer and autumn, from spring-sown seed, although, strictly speaking, they are biennials.

788. **Firefly**—Scarlet, white throat. Pkt 10c.

789. **Brilliant**—Scarlet, golden and white. Pkt 10c.

790. **Crescia**—Fine deep scarlet. Pkt 10c.

791. **Kermesina Splendens**—Deep rose. Pkt 10c.

792. **Luteum**—Yellow. Pkt 10c.

793. **Giant White**—Puresnow white. Pkt 10c.

SPECIAL OFFER—One pkt each of the 6 varieties of Tall Giant Snapdragons, 50c.



Giant Snapdragon

EVER-BLOOMING SUNFLOWER, "STELLA"

This new annual attains a height of 3 to 4 feet and produces its handsome, well-formed flowers in the greatest abundance all through the summer till late in the fall. The flowers are 2½ to 3 inches across, are borne on long stems which rise well above the lively green, small foliage and are of purest golden yellow with a black disc. It is a splendid flower for cutting equally as valuable for flower groups or as a solitary plant on the lawn.

794. Per pkt 10c.

NEW
MAMMOTH
FLOWERING
**ALLEGHENY
HOLLYHOCKS**

BLOOMS THE
FIRST YEAR FROM SEED

A NEW TYPE OF HOLLYHOCKS

The flowers of this new variety are so different from the old conventional ones that but for the similar habit of the plant it would not be taken for a Hollyhock. They are from four to six inches in diameter, running from semi-double to double, and so finely fringed and curled, that, compared with the old ones, they have the look of a flower from Fairyland. The colors are shell pink rose and ruby red, a shade or two deeper at the centre, and exquisitely tinted toward the edge. The flowers do not, as on the other double Hollyhocks, rot on the stems, but drop as soon as they fade. Every bud to the top of the plant is developed into flowers, making the flowering season considerably longer. The cut gives an idea of these flowers, but does not by far do them justice, as the fine, graceful appearance and peerless shading cannot be reproduced.

795. Red—Pkt 10c.

796. Rose—Pkt 10c.

797. Shell Pink—Pkt 10c.

798. Maroon and Pink—Pkt 10c.

799. Mixed—Per pkt 10c, 3 for 25c.

SPECIAL OFFER—One pkt each of the 4 distinct colors Allegheny Hollyhock, for 80c.



Allegheny Hollyhock

JAPANESE GIANT WINTER CHERRY

(PHYSALIS FRANCHETI)

800. A remarkably showy annual, of sturdy, erect, branching habit, growing about 18 inches high. The branches are well covered with luxuriant green foliage, and studded with large, bright red cherry-like fruits, each enclosed in an enormous balloon-like semi-transparent calyx, about 3 inches long by 7 to 8 inches in circumference, at first of light green color, gradually changing, as they mature, to yellow, then orange, and finally to crimson. Pkt 10c, 3 for 25c.



Giant Primula

GIANT PRIMULA

Chinese Primrose

Chinese Primroses are among our finest winter and spring blooming pot plants for the window garden, conservatory and greenhouse. The plants are attractive, 8 to 12 inches high, of healthy, sturdy growth, and free from insects; while they produce for weeks large trusses of flowers, which in our new Giant varieties, average from 4½ to 6 inches in circumference. Seed sown in the spring produces fine plants for the next winter's blooming. What we catalogue is strictly the cream, and fanciers will find them all of surpassing excellence.

801. White—Pkt.....25c	803. Rose.....25c
802. Copper—Pkt.....25	804. Rose Carmine.....25
805. Mixed.....25c	



Mignonette "Bismarck"

MIGNONETTE "BISMARCK"

It originated from Machel Mignonette, but its flower heads are twice as large as those of the parent and are borne on long stems, high above the thick, dark green, somewhat corrugated foliage; the growth of the plants is from the beginning broad and sturdy, the bushes do not exceed 1 foot in height, the flowers are of a reddish hue and very sweet scented. This Mignonette is not to be surpassed for the garden, the flower-table, for any floral work or for growing in pots. The value of this novelty can be better recognized by looking at the illustration.

8 s. Pkt 10c, 3 for 25c.



Butterfly Cyclamen

BUTTERFLY CYCLAMEN

(Papilio)

The well known appreciated features of our other best Cyclamen, fine habit of the plant, beautiful markings on their leaves, great free and profusely blooming, noble shape and enormous size of flowers, added to its special peculiarity, that the edges of the petals are prettily fimbriated and curled, render this novelty particularly attractive.

Butterfly Cyclamen shows the prettiest and most graceful forms in its flowers, of some flowers the petals are entirely reflexed to an upright habit like the old "splendens" varieties, others are remarkably spreading of a bewildering resemblance to butterflies, and of others again the petals hang utterly down. The variety of colors is a very rich, almost surpassing the other sorts. The beautiful fringed petals, the graceful flowers and their various forms render this Cyclamen especially adapted for modern floral work, but also as a pot plant owing to the exquisite appearance of its flowers, it will get the preference and be cultivated extensively.

807. Splendid mixture of all varieties, original packet of 10 seeds, 60c.

DOUBLE STOCK "Pillar of Snow"

808. A superb variety, producing a grand central spike of beautiful pure white flowers, the plant afterwards branching and continuing in bloom till killed by the frost. Sown in July or August, and potted up, will bloom splendidly under glass in winter. Pkt 10c, 3 for 25c.



Double Stock "Pillar of Snow"



(See Colored Plate on Front Cover)

Giant Petunias

809. RUFFLED GIANTS—This new race is the result of years of careful hybridizing and selection by one of the foremost Petunia specialists. The flowers are of extraordinary size and substance, with very deep throat, and distinguished from the large flowering fringed section by the deeper fringing and fluting, giving the appearance as if artificially ruffled. The colors are not surpassed by any other strain, ranging from the deepest plum purple to the purest white, with all the intermediate shades, which, combined with the ruffling, make the flowers truly superb. Per pkt 25c.

810. GIANTS OF CALIFORNIA MIXED—A Californian strain of incomparable beauty, size and luxuriance. Most of the flowers are exquisitely fringed on the edges, and are of enormous dimensions (4 to 5 inches across), but their great merits lie in the tremendous varieties of colors, markings, veinings, blotchings and stripings, in the most grotesque and beautiful combinations; some with charming deep throats of yellow, white, black, green or maroon, running off into intricate veins. Some of the colors are rich and gorgeous and others of lovely delicate shades. (See cut). Pkt 15c, 2 pkts 25c.

811. Single Scarlet-Fringed Petunia "Miranda."—Introduced by one of the foremost European Petunia specialists. It belongs to the large-flowering fringed section and in color is a brilliant rosy-carmine, merging into scarlet in the throat—and is believed to be the nearest approach to a true scarlet Petunia yet obtained. Worthy a trial. Per pkt 25c.

SPECIAL OFFER—One Packet of Each of the two Giants of California Petunias, 35c.

Morning Glories

812. The Brazilian Morning Glory—The leaves are 8 to 12 inches across and are borne from the ground up, overlapping each other and making a dense shade. The flowers, which open in the morning, are three or more inches across, of a beautiful rose color. Per pkt 5c.

Japanese Imperial—Their varieties of color are infinite, running from snow-white through all possible shades of blue, and of red from palest pink to darkest reds and purples. They are streaked, mottled, striped, marbled and bordered in wonderful fashion.

813. Single Mixed—Price per pkt 5c, oz 25c.

814. Double Mixed—Price per pkt 5c.

815. Yellow Morning Glory—The vines are literally covered with thousands of beautiful, pure yellow fragrant flowers. Price, pkt 5c.

816. "Northern Light"—Blossoms some two inches in diameter, of pink lavender color. Price per pkt 5c.

SPECIAL OFFER—One Packet of Each of the Five Morning Glories, 20c.

Gourd "Angora"

817. A class of rapid-growing annual climbers which attain a height of 20 feet in a season and are most useful for covering old fences, trellises, stumps, verandahs, etc. The foliage is dense and the fruits are spotted white of the most curious shapes and colors. They are very desirable. Pkt 10c, 3 pkts 25c.

Primula Forbesi

Also Called Baby Primrose

818. This is the freest flowering Primula we know of. The seed comes up very readily, and the little plants throw up tiny flower stalks when only a few weeks old. These, however, should be pinched off, and the plants kept growing until October, when the flowers may be allowed to develop, and from then on until late in spring, they produce their sprays of beautiful, rosy-lilac flowers in seemingly never-ending profusion.

Price per pkt 10c.



Primula Forbesi



Coxcomb

COXCOMB

819. Thompson's Superb—(Triomphe de l'Exposition). This variety has attracted general attention in the public gardens of Paris. Pyramidal in growth, attaining a height of a little more than two feet, and produces beautiful large spikes of the most brilliant crimson. In sunlight the rich color of the flower spikes is beautifully contrasted with the bronze-colored foliage. (See cut). Pkt 10c.

New Salvia Splendens "Silverspot"

820. For many years we have grown Salvia Splendens on a large scale and have given much attention to its improvement. The well-known **S. splendens nana compacta erecta**, (largely advertised as "Bonfire") was first introduced by us, and we are confident that the popularity which that variety has earned will be eclipsed by that of this splendid novelty which we now offer for the first time. Its most distinctive feature is its strikingly handsome spotted foliage. The leaves are rich, soft dark green, with light sulphur, or cream colored spots of various size liberally sprinkled over them. The unique and elegant foliage is very abundant and has an extremely fresh and healthy appearance. The intense bright scarlet flowers are very large and the plants of neat compact habit and as floriferous as the ordinary sorts. In three years' trials we found that 85 per cent. came true from seed.

Pkt 35c, (original pkts of 20 seeds).

Ostrich Plume Aster

821. We are pleased to offer the white variety of this beautiful class of Asters. The plants grow 15 to 18 inches high and are of a strong luxurious branching habit, the flowers measuring 4 to 5 inches in diameter and borne on long stems. The petals are long, wavy and so twisted as to give an extremely beautiful effect. This strain of Asters is of real value both for garden decoration and for cutting.

Pkt 10c, 3 for 25c.



Ostrich Plume Aster

Flower Seed Collections.

25c. SIMMERS' FLOWER SEED COLLECTION A

10 Pkts Choice Fresh Flower Seeds for 25 Cents.

Contains 10 beautiful varieties of easily grown annuals in handsome colored bags, with full directions for their culture.

Asters—Choice Mixed.
Poppy—Double Mixed.
Sweet Mignonette.
Pansy—Good mixed.
Double Imperial Pinks.

Snapdragon—All colors mixed.
Morning Glory—Mixed.
Phlox—Splendid mixture.
Tall Nasturtium—Mixed.
Sweet Peas—All colors mixed.

50c. SIMMERS' FLOWER SEED COLLECTION B

Contains 20 Pkts of Choice Flower Seeds for 50c.

Asters—Truffaut's Perfection, mixed.
Balsam—Double mixed.
Phlox Drummondii—Mixed.
Tall Nasturtium—Mixed.
Pansy—All colors, mixed.
Mignonette—Large flowering.
Morning Glory—Mixed.
Sunflower—Very double.
Zinnia—Best mixed.
Marigold—Double French,

Sweet Peas—Mixed.
Calendula.
Candytuft—Mixed.
Sweet Alyssum.
Stocks—Mixed.
Poppies—All kinds, mixed.
Verbena—Best mixed.
Double Pinks—Best mixed.
Snapdragon.
Scabiosa—Mixed.

HARDY PERENNIALS—10 Varieties for 60c.

60c. Gaillardia.
Ooroeopsis.

Iceland Poppies.
Perennial Sweet Pea.

Larkspur.
Foxglove.

Pentstemon.
Columbine.

Hollyhocks.

Double White Chrysanthemum.

We cannot permit any change in the composition of these Collections.

\$1.00 SIMMERS' FLOWER SEED COLLECTION O

Contains 40 Pkts of Flower Seeds for \$1.00.

Asters—Simmers' Excelsior Mixture of Tall Sorts.
Alyssum, Sweet—Little Gem.
Balsam, Double—Mixed.
Calendula.
Canarybird Flower.
Candytuft—Empress.
Cannas—Crozy's Finest mixed.
Carnation—Margaret.
Castor Oil Bean.
Chrysanthemum—Annual sorts.
Cobaea—Climber.
Cosmos—Mixed.
Double Daisy.
Double Hollyhocks.
Double Japan Pink—Best mixed.
Escholtzia.
Everlasting Flowers—Mixed.
Gaillardia—Annual.
Godetia—Mixed.
Gourds, Ornamental.

Marvel of Peru.
Marigold, Double—Mixed.
Mignonette—Machet.
Morning Glory.
Nasturtium—Tall yellow.
Nasturtium, Dwarf—Mixed colors.
Nasturtium, Tall—Dark Brown.
Pansy—Fine mixed.
Petunia.
Phlox Drummondii—All colors, mixed.
Poppy—All kinds, mixed.
Portulacca—Mixed sorts.
Salvia—Splendens.
Scabiosa—Mourning Bride.
Snapdragon.
Stocks—Mixed.
Sunflower—Many kinds, mixed.
Sweet Peas.
Verbena—Best mixed.
Zinnia—Large flowering.

SIMMERS' COLLECTIONS FLOWER SEEDS

No.		Price per Coll.
822.	Asters—Truffaut's Pæony-flowered—Twelve varieties.....	\$0 50
823.	Asters—Victoria Double—Six very showy varieties.....	30
824.	Balsams—Camellia-flowered Double—Ten varieties.....	50
825.	Hollyhocks—Chaters Prize—Twelve choice colors.....	50
826.	Larkspur—Double Hyacinth Flowered—Twelve choice colors.....	30
827.	Pansies—Large flowered, spotted, twelve distinct varieties.....	1 00
828.	Phlox Drummondii—Twelve varieties.....	50
829.	Phlox Drummondii—Six distinct varieties.....	30

No.		Price per Coll.
830.	Portulacca—Single—Six distinct varieties, brilliant colors....	\$0 30
831.	Poppy—Double or Pæony-flowered—Twelve superb varieties	30
832.	Stocks—Large Pyramidal Double—Ten weeks, 10 colors....	50
833.	Stocks—Large flowered, Pyramidal Double—6 distinct colors.....	30
834.	Stocks—East Lothian, Double—6 distinct varieties.....	30
835.	Stocks—Giant Emperor, Double—Winter flowering, 6 colors	40
836.	Zinnias, Double—Six distinct varieties.....	40



ECKFORD'S ADVANCE NOVELTIES

.. IN ..

Sweet Peas

Othello—A beautiful dark-brown chocolate red, self-colored flower, a color not before attained.

Countess Cadogan—Standards slightly hooded, of a bright, shining, violet color overlaid with a charming

light sky-blue; wings a pure sky-blue.

Duke of Westminster—A deep rose-maroon, overlaid with bright, shining violet; a grand flower, quite unique, being perfectly distinct from any other variety.

Hon. F. Bouverie—Standards a most beautiful coral-pink, wings slightly lighter of same color.

Lady Grisel Hamilton—Color a beautiful, shining, pale lavender. In form it is of the most advanced giant-flowered type.

Lady Skelmersdale—Standards bright rosy lilac; wings white, slightly shaded rosy lilac.

Mrs. Dugdale—Standards most lovely rose, shaded rich primrose; wings primrose, shaded and splashed light rose—a most charming color.

PRICE—Any of the above 15c per pkt; 3 for 40c; the set of 7 for 75c.

THREE NEW CUPIDS FOR 1900

Boreatton Cupid—Rich Purple.

Countess of Radnor Cupid—Delicate Lavender.

Firefly Cupid—Scarlet.

Each Variety—Per pkt of 24 seeds 25c, 5 for \$1. Per pkt of 12 seeds 15c, 2 pkts for 25c, 10 pkts \$1. (42)

OUR HOME GARDEN COLLECTION

— OF —

HARDY ROSES

The great advantage of this offer is that you get combined in one Collection, Hybrid Perpetual, Climbing, New Sweet Briar and Moss Rose, without the expense of having to buy each one separately.

La France—Hardy hybrid perpetual, splendid satin pink, large and full, a constant bloomer, fragrant. Each 30c.

Baron de Bonstettin—Hardy hybrid perpetual, color dark velvety crimson, very double and a vigorous grower, fragrant. Each 30c.

Felicite Perpetue—Hardy climber, evergreen, color creamy white, a beautiful rose, very double. Each 35c.

Crimson Rambler—A fast climber, hardy and very desirable, flowers grow in clusters. Each 40c.

Lady Penzance—Sweet Briar, soft copper color, base of petals yellow, very fragrant. Each 40c.

Salet—Moss, bright pink, bluish edge, very mossy. Each 40c.

SPECIAL OFFER

OUR HOME GARDEN ROSE COLLECTION,
one two-year-old bush of each kind
for \$1.75.

For Our Complete List of Roses see pages 74 and 75.

Reasons Why

**We Should
Supply You
with
Flower Seeds**

"The Best and Nothing but the Best" is our motto in buying and growing seeds, and this applies especially to flower seeds. We know all the flowers we offer, from practical experience of a lifetime, and we have furthermore, "kept up with the times" by extensive trials and frequent trips to the seed growing sections of Europe and the United States, so we are not only "posted" on *what* to buy, but also *where* to buy to the best advantage of our customers.

Our Packets are very Liberal in Size, containing in most cases more seeds than are needed for a home garden.

We Supply Florists Largely. Everyone knows that Florists who sow and cultivate seeds do it for a living, and can only use the best. Our sales to Florists increase from year to year, which is the best proof of the quality of our seeds. You get the same quality we sell to Florists, and that should convince you that it is **Simmers' Flower Seeds** you want for your garden.

There is Money for you in Flower Seeds, and it will pay you to secure your neighbor's orders. We make these **Liberal Discounts**:

CUSTOMERS SENDING $\left. \begin{array}{l} \$1.00 \\ 2.00 \\ 3.00 \\ 4.00 \end{array} \right\}$ **MAY SELECT**

$\left. \begin{array}{l} \$1.25 \\ 2.60 \\ 4.00 \\ 5.25 \end{array} \right\}$

Worth of Flower Seeds in *packets*. This discount, however, does not apply to seeds by weight or collections, nor does it apply to orders sent at different times during the season.

Glorious flowers cater to the æsthetic sense just as much as do good paintings, and unlike the latter are in reach of all.

In ordering Flower Seeds the running number need only be given with the year of publication of this Catalogue.

Full Cultural Directions for Sowing are printed on each and every package.

ANNUALS grow, bloom and die the first year from Seed.

BIENNIALS bloom the second year from Seed, and then die, though many, if sown early in the Spring, will flower the first year.

PERENNIALS usually bloom the second year, from Seed, and continue to grow and bloom for many years. Some will bloom the first year, if sown early.

WHAT Is a PACKET of Seed ?

Those who purchase seeds by weight or measure can see readily whether the full quantity bought has been delivered. Thousands, however, requiring only a small supply of Vegetable or Flower Seeds, purchase "packets." **PACKET is an elastic term.** The quantity of seeds contained in a "packet" depends entirely upon the liberality of the seedsman.

In these "hard times" some dealers seek to draw trade by offering seeds seemingly very cheap at odd figures, such as 2c, 3c and 7c "per packet." Comparison of these so-called "**cheap seeds**" with the regular packets filled by us have shown that in quantity as well as **quality, OUR SEEDS ARE REALLY CHEAPER.**

A Select List of Flower Seeds Including all the Most Desirable

ABOBRA VIRIDIFLORA

1. An extremely pretty tuberous climber of the Gourd tribe, with handsome cut, glossy dark green foliage and small oval scarlet fruit, a perennial suitable for planting out during summer, forming beautiful garlands. The tubers have to be kept in a cellar or root house during winter. Per pkt 10c.
2. **ABRONIA UMBELLATA**—Handsome training annual for edging, pretty, pale rose flowers, similar to Verbenas. Per pkt 5c.
3. **ABUTILON (Flowering Maple)**—Very free blooming greenhouse shrubs, with handsomely varied and striped bell-shaped flowers; are very ornamental in flower beds. Will bloom the first season, when sown early, 2 to 6 feet. Per pkt 25c.
4. **ACACIA**—Decorative greenhouse shrubs with elegant foliage, flowers yellow, white or red, perennial. Mixed varieties. Pkt 10c.
5. **Acanthus Latifolius**—Stately foliage plants, suitable for specimens on lawns or in the borders, presenting a rich tropical effect. Half hardy perennial. Per pkt 5c.
6. **ACHILLEA, Ptarmica**—Hardy perennial, with double white flowers. Per pkt 10c.
7. **ADLUMIA CIRRHOSA** (Mountain Fringe or Allegheny Vine) a beautiful, hardy, climbing perennial; flowers white with purple. Pkt 5c.

ADONIS

8. **Adonis Æstivalis (Flos Adonis)**—A pretty, hardy scarlet annual, 18 inches high, of easy culture, flowering from July to September. Per pkt 5c.
9. **Adonis Vernalis**—A hardy perennial variety of the preceding, one foot high, with showy yellow flowers. Per pkt 5c.

ACHIMENES

Splendid plants for the greenhouse or conservatory, flowers all shades of white, crimson, blue, etc., and afford a blaze of beauty the whole summer.

10. **Achimenes Hybrida.** Per pkt 25c.
- " " **Bulbs.** Per doz 50c.

ACROCLINIUM

A beautiful class of half-hardy everlasting annuals, 1 ft high; graceful border plants.

11. **Roseum fl. pl.**—Double flowers. Per pkt 10c.
12. **Mixed**, rose and white. Per pkt 5c.

ACONITUM (Monkshood)

Showy hardy perennials, four feet high, growing in any good soil, even under the shade of trees.

13. **Napellus**—Bright blue and white flowers. Per pkt 5c.



Adonis Æstivalis (Flos Adonis), Scarlet. Pkt 5c.

AGATHÆA

14. **Blue Daisy or Marguerite** Hardy annual, blooming profusely with daisy-like flowers of a beautiful shade of blue, which contrasts finely with the golden-yellow centre, invaluable. Per pkt 10c.

REMEMBER—A yearly subscription to "American Gardening" goes with every Six Dollar (\$6.00) order of vegetable or flower seeds, plants or bulbs, not including collections or special offers.



Ageratum—Cope's Pet. Per pkt 10c.

AGERATUM

Very useful half-hardy annuals for borders and bouquets, flowers very regular, height one or two feet, except the Tom Thumb kinds, which are not over six inches in height; prevailing color, bright lavender blue.

15. **AGERATUM IMPERIALIS**—Dwarf white. Per pkt 10c.
16. **—Cope's Pet**—Lovely azure blue; eight inches high. Per pkt 10c.
17. **—Tom Thumb**—Large flowering rose. This beautiful variety forms bushy compact plants about 12 inches high, bearing large trusses of rose-colored flowers in such abundance as to almost cover the plant. Desirable for pot culture, or as a basket or vase plant. Per pkt 10c.
18. **—Mexicanum**—Lavender blue. Per pkt 5c.
19. **—Mexicanum**—White. Per pkt 5c.

AGROSTEMMA (Crown of the Field)

Free-flowering hardy annuals or perennials; flowers pink, in different shades; very pretty, like single pinks; height one to two feet; time of flowering from June to August.

20. **Agrostemma Cœli Rosa** (Rose of Heaven), annual. Per pkt 5c.
21. **—Hybrida Splendens** (Rose Champion), deep crimson. Per pkt 5c.

AMMOBIUM (Winged Ammobium)

22. **Alatum Grandiflorum**—A half-hardy everlasting biennial, flowering the first year, double white with yellow centre. Per pkt 5c.

SIMMERS' SUPERB DOUBLE ASTERS



Truffaut's Pæony Flowered Double Aster. Pkt 10c.

TRUFFAUT'S PÆONY-FLOWERED ASTERS

One of the handsomest and most ornamental sorts. The plants, which are very vigorous, grow from 18 to 24 inches high; the flowers are borne on long, wiry stems and are very large, from 3 to 4 inches in diameter, very double, and in shape like a Pæony. The colors are both bright and delicate, and altogether this Aster is nearly perfection.

- | | |
|--------------------------------------|-------------------------------------|
| 23. Glowing Crimson 10c | 27. Pure White 10c |
| 24. Dark Blue and White 10c | 28. Violet and White ... 10c |
| 25. Lilac Blue 10c | 29. Mixed Colors 10c |
| 26. Pale Red and White 10c | |

DWARF QUEEN ASTERS (The Finest Dwarf Aster).

This splendid Aster makes Dwarf bushy plants about 10 inches high, of compact habit of growth, producing a great number of double flowers.

- | | |
|----------------------------|------------------------------|
| 30. White 10c | 31. Crimson 10c |
| 32. Mixed 10c | |



Comet
Aster
Pkt 10c

French, German and American Varieties

For beauty and variety of habit, form and color, the Aster stands unrivaled, and of all flowers is best adapted to gratify the taste and win the admiration of every lover of floral beauty. All the varieties require rich, light soil, and in dry, hot weather might be mulched with well-rotted manure and frequently supplied with manure water. They are hardy annuals, but may be sown in pots, or under glass, early, to have them flower sooner.

Collection of Truffaut's Pæony-flowered Asters 12 colors, 50c.

Collection of Improved Victoria Asters, six colors, 30c.



Simmers' Improved Victoria Aster. Pkt 10c.

33. **ASTER. "Snowball or Princess" White.** This is the first variety of an entirely new class which may be best compared to Lilliput Dahlias. A single plant develops as many as 30 pure white flowers. Per pkt 10c, 3 for 25c.

34. **"Triumph" Aster**—This is one of the most beautiful of all Dwarf Asters. Each plant forms an elegant bouquet of itself about 7 to 8 inches high, the individual flowers measuring from 2½ to 3 inches across and are of the most faultless Pæony form. The color is a peculiarly rich and brilliant pure scarlet. It produces its flowers in great abundance, each plant bearing at least 30 to 40. Pkt 10c.

35. **The Yellow Aster**—In this we have the nearest approach to a yellow Aster, which has been so long sought after. Pkt 10c.

36. **Large Pæony-Flowered Robust Dwarf**—Most valuable, being constantly in growth, with handsome foliage and large, beautifully-formed flowers, brilliant colors, mixed. Pkt 10c.

QUEEN OF THE MARKET

Blooms three weeks earlier than other asters, of branching habit, excellent for growing under glass. 1 foot.

- | | |
|---------------------------------|------------------------------|
| 37. White 10c | 40. Crimson 10c |
| 38. Light Blue 10c | 41. Mixed 10c |
| 39. Rose 10c | |

EARLIEST PARISIAN

The earliest of all by nearly three weeks. Plants are dwarf, and very branching, blooming very freely; very double flowers borne on very long stems, rendering them of exceptional value for cutting.

- | | |
|----------------------------|---------------------------|
| 42. White 10c | 43. Rose 10c |
|----------------------------|---------------------------|

SIMMERS' IMPROVED VICTORIA ASTERS

Undoubtedly one of the most handsome Asters in cultivation of which we have an excellent strain. Flowers very large and perfectly double, of globular shape and beautifully imbricated; plants are of fine pyramidal form. 1½ feet high.

- | | |
|---|---------------------------------|
| 44. Pink pkt 10c | 46. Purple pkt 10c |
| 45. Scarlet pkt 10c | 47. White pkt 10c |
| 48. Finest Mixed ... pkt 10c, per oz \$2.50. | |

GIANT COMET ASTERS

A handsome new and very distinct Aster, resembling the Japanese Chrysanthemum in shape of flowers; the petals are very long and beautifully curled, are of a lovely delicate pink, bordered with white, bright pink, light blue, white borders and other colors.

- | | |
|---|-------------------------------------|
| 49. Pink pkt 10c | 52. Pure White pkt 10c |
| 50. Pink and White pkt 10c | 53. Mixed pkt 10c |
| 51. Light Blue pkt 10c | 3 packets..... 25c |

JAPANESE GIANT ASTER

54. Entirely distinct and novel. Plants of pyramidal growth, about 18 inches high, bearing on long stems from 40 to 50 flowers, averaging 5 inches across, composed of wavy and twisted needle-shaped petals, making the flower free from the stiff and formal appearance usual to Asters. We offer beautiful colors, mixed, per pkt 10c, 3 pkts 25c.

SPECIAL OFFER

For those wishing a succession of Asters during the season we offer the following 4 varieties.

- | | |
|---|---------------------|
| QUEEN OF THE MARKET, Mixed
PÆONY FLOWERED, Mixed
VICTORIA, Mixed.
SEMPLER BRANCHING, Mixed | FOR 35 CENTS |
|---|---------------------|

ASTERS

SEMPLE'S BRANCHING

Simple's Branching Asters, for size of bloom, freedom of flowering and other good qualities we have never seen equalled. The plants form strong, robust bushes about two feet high, bearing profusely on long, strong stems handsome chrysanthemum-like flowers, many being over six inches in diameter. The flowers have none of the stiffness usual to most Asters, making them particularly desirable as cut flowers. They come into flower from two to three weeks later than most sorts, filling the gap between the general run of Asters and Chrysanthemums. We offer four distinct and beautiful colors:

- | | | |
|--------------------|-----------------|--|
| 55. PURE WHITE | Per packet, 10c | } 1 packet each of the four colors
35 cents |
| 56. SHELL PINK | " 10c | |
| 57. LAVENDER BLUE | " 10c | |
| 58. BRIGHT CRIMSON | " 10c | |
| 59. MIXED COLORS | " 10c | |

60. "MIGNON" mixed—This beautiful Aster has rapidly acquired general popularity. We have, it is true, succeeded in obtaining several new colors; but they show as yet such a tendency to vary that we are constrained to offer of them mixed seed only. It contains light blue, lilac, rose, carmine rose and crimson varieties in addition to the fine white one obtained by us several years. Per pkt 15c, 2 pkts 25c.

61. Washington—Pure white, flowers 4 to 5 inches in diameter and of perfect form, free bloomer. Per pkt 10c.

62. China—Double-quilled Chinese Aster; 1 to 2 ft; in variety mixed. Oz \$1, pkt 5c.

63. Vick's White Branching—This Aster is a strong grower of branching habit, and blooms later in the season than any other variety. The flowers are pure white, four inches and over in diameter, and borne on long stems. Pkt 10c.

64. Chrysanthemum Flowered Double Dwarf, of very compact growth; very abundant; later than other varieties, therefore valuable for succession, 1 foot, mixed colors. Pkt 10c.

65. Simmers' Excelsior Mixture of Tall Double Asters. This is a mixture of the most beautiful, striking and delicate colors of tall varieties selected from the cream of Truffaut's desirable sorts, and includes our best-named kinds. Like our other popular mixtures of Pansies, Nasturtiums, etc., we select the finest special colors for Simmers' Excelsior Mixture of Tall Double Asters, and the Aster lover will be astonished at the wide range of colors given in this truly Excelsior Strain. Pkt 10c, 3 pkts 25c, ½ oz 60c.

66. Simmers' Excelsior Mixture of Dwarf Asters. Many of our customers in choosing among the above strains of Dwarf Asters and where not desired for an even bed or border, we would recommend the planting of our Excelsior Mixture. It consists of the most distinct and lovely colors from all the above Dwarf Asters, and we guarantee it to give satisfaction. Pkt 10c, 3 pkts 25c.



Simple's Branching Aster
Pkt 10c

ASTER SEED BY WEIGHT

Victoria—White, pink or crimson	Per one-eighth oz	50
All colors mixed	"	40
Truffaut's—White, pink or scarlet	"	40
All colors mixed	"	40
Dwarf Chrysanthemum-Flowered—		
All colors mixed	"	40

AMARANTHUS

Plants grown exclusively for their foliage and in late summer and early fall, when they have reached their fullest development, the glowing effect produced by their mass of rich foliage is scarcely equalled by any class of plants. They succeed in any soil.

Per packet

70. **Amaranthus Atropurpureus**—Hardy annual, three feet in height, drooping flower plumes, heart-shaped metallic-tinted leaves. 5

71. **—Caudatus** (Love Lies Bleeding)—Hardy popular annual, 2 feet in height. 5

72. **Melancholicus Ruber**—Half-hardy annual, 2 feet high, with rich, blood-red foliage. 5

73. **—Monstrous** (Prince of Wales Feather)—A hardy popular annual of pleasing effect, 2 feet in height. 5

74. **Salicifolius** (Fountain Plant)—2 to 3 feet in height, of branched and pyramidal growth. 5

75. **—Salicifolius Henderi**—3 to 5 feet high, forming a well-branched gracefully curved pyramid, with pendant foliage 12 inches in length. 10

76. **—Tricolor** (Joseph's Coat)—Half-hardy annual, 1½ feet high, foliage beautifully marked, yellow, red and green, very showy. 5

77. **Tricolor Splendens**—An improved variety of the preceding, the foliage being more distinctly marked. 5

ALOYSIA—(Lemon Scented Verbena)

78. A perennial, popular deciduous greenhouse shrub known as the lemon-scented verbena, *Aloysia Citriodora* (*Verbena Citriodora*). 10

ALYSSUM

Free flowering, pretty little plants for beds, edging or rock work. The annual variety blooms the whole summer, and the perennial is among our earliest and most attractive spring flowers.

79. **Sweet Alyssum**—White fragrant flowers, hardy annuals, 6 inches. Per oz 30c. 5

80. **Saxatile Compactum**—Golden yellow, shining; hardy perennial, ½ foot high. 5

81. **—Little Gem**—Of dwarf, compact habit, 3 to 5 inches in height each plant covering a circle 15 to 30 inches in diameter. Flowers when quite small, and is a solid mass of white bloom from spring till late autumn. Per oz 60c 10

ALONSOA (Mask Flower)

Handsome bedding plants, succeeding well in any garden soil, freely producing flowers of great brilliancy, half-hardy annual. Per pkt

82. **Warscewiczii**—Bright scarlet flowers. 5

83. **—Linifolia**—Scarlet flowers, fine feathered foliage. 5

AMPELOPSIS

84. **Quinquefolia** (Virginia Creeper)—One of the best climbing plants for permanent situations, as it is perfectly hardy, clinging to the sides of whatever it may be growing against by the rootlets which it throws out along the stems. Grows 50 to 100 feet high. 10

85. **Ampelopsis Veitchii** (sometimes called "Japanese Ivy" and "Boston Ivy")—It clings to stone work, trees, etc., and is a splendid plant for covering unsightly objects; it attains a height of 50 feet. Perfectly hardy. See Plant List for large, well-grown plants 10

ANAGALLIS (Pimpernel)

Pretty little trailing, hardy annuals, flowering profusely in summer; used with advantage for small beds, edgings, rustic baskets, vases or rock work.

86. **Grandiflora**—Scarlet, blue and carmine mixed. 5

ANCHUSA

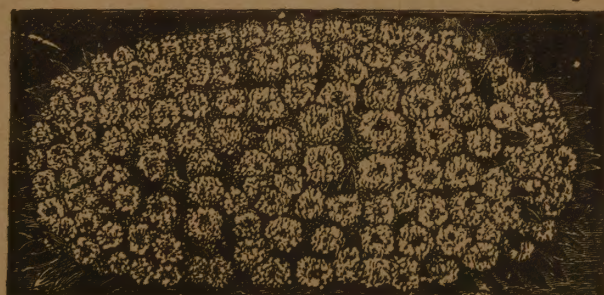
Showy, hardy perennials, with intense blue flowers of the form of Forget-me-not, with clear white centre, continuing in bloom for a long time.

87. **Altissima**—3 feet in height. 5

ANGELONIA

Pretty hot-house plant, with fine musk-like scent; suitable for windows

88. **Floribunda Grandiflora**. 15



Alyssum, Little Gem—Pkt 10c



Amaranthus Tricolor
Pkt 5c

Aquilegia (Columbine)

Highly ornamental, hardy perennials, combining at once flowers the most curious in form, with colors most striking and beautiful; height from 2 to 3 feet; seed germinates very slowly.

89. **Stellata, fl., pl.** star like double flowers, different colors, mixed, pkt 10c.

90. **Vulgaris, fl., pl.** double flowers, showy different colors, mixed, pkt 5c.

Arabis (Rock Cress)

Remarkably early flowering dwarf plants for rockeries, flower-beds, edgings, etc. Continues in bloom from early spring until frost sets in; seeds may be sown any time from April to September in the open ground, and succeed in any garden soil, height 9 inches, hardy perennial.

91. **Alpina**—Per pkt 10c.

Argemone (Prickly Poppy)

Showy, hardy annuals; flowers the shape of a single poppy; leaves bluish green with white veins forming pleasing contrast; of easy culture.

92. **Grandiflora**—Height 2 feet, large flowered. Per pkt 5c.

93. **Mexicana**—Showy yellow. Per pkt 5c.

Antirrhinum (Snapdragon)

One of the most showy and useful border plants. The more recently improved varieties of this valuable genus have large, finely shaped flowers of the most brilliant colors, with beautifully marked throats; they succeed in any good garden soil, and are very effective in beds. Hardy perennials, blooming the first year from seed; 1 to 2 feet.

94. **Tall**, extra fine striped and plain varieties. Pkt 5c.

95. **Dwarf**, Extra Choice Mixed Colors. Per pkt 5c.



Auricula Variegated
Pkt 10c.



Antirrhinum, Tom Thumb Pkt 5c.

Aristolochia (Dutchman's Pipe)

96. **Bonplandi**—An exceedingly beautiful and interesting, rapid growing deciduous hardy perennial climber, flowers resembling a tobacco pipe. Per pkt 10c.

Armeria (Thrift, Sea Pink)

97. **Formosa Rosea**—Commonly known as Thrift; hardy perennial of low growth, rosy flowers of long duration, like Everlastings; the plants are the best for edging borders or rockeries. Pkt 10c.

Arabian Primrose (Summer Flowering)

98. **Arnebia Cornuta**—A charming annual, growing in bushy form about 2 feet high and about the same in breadth. It blooms with unusual profusion during the whole summer, one plant often producing from 100 to 150 spikes of exceedingly beautiful flowers, over 1/2 of an inch across, and of a rich primrose yellow, marked with five black spots; the spots change on the second day to a rich maroon, and on the third day vanish, leaving the flower a clear bright yellow. It is an excellent cut flower, the bloom remains fresh in water for 10 days. Highly effective when grown in masses. Pkt 15c.

Asperula (Woodruff)

99. **Azurea Setosa**—A hardy annual of easy culture in any soil, and of most valuable qualities, with verbena-like umbels of azure blue flowers; height 1 foot. Pkt 5c.

100. **Odorata**—A hardy perennial, 1 foot in height, the small, star-like branches of fragrant white flowers appear in May and June. Pkt 10c.

Asparagus

101. **Plumosus Nanus**—This possesses the advantage of being very graceful, its foliage being finer than that of the most delicate fern, and will last for weeks after being cut, the whole plant being of a bright cheerful green. It is an excellent house plant, succeeding under almost any conditions. Pkt 15c, 2 for 25c.

102. **Sprengeri**—A pot plant for decorative purposes or for planting in suspended baskets. It will make an excellent house plant, as it withstands dry atmosphere, and will succeed in almost any position. We consider this one of the best house plants introduced for many years. Pkt 15c, 2 for 25c.



Asparagus Plumosus Nanus

Begonia

114. **VERNON**—Flowers of a brilliant orange carmine; foliage of a glossy red, growing more intense with the advancing season. It blooms profusely throughout the summer, and is destined to be a most popular bedder for parks and lawns, as well as highly satisfactory for pot culture. Per pkt 10.

BELLFLOWER—(See Campanula).

BLEEDING HEART—(See Dielytra).

Bocconia

115. **Japonica**—A hardy, perennial foliage plant, of pleasing effect among shrubbery. 5 to 6 feet. Per pkt 5c.

Brachycome (Swan River Daisy)

Neat, dwarf, half hardy annual, 6 inches high, flowers similar to the Cinerarias.

116. **Iberidifolia**—Blue. Pkt 5c.

117. **White**—Per pkt 5c.

Browallia

118. **Elata**—Blue. Per pkt 5c.

119. **Elata**—White. Per pkt 5c.

120. **Rozlii**—Blue, yellow centre. Pkt 10c.

121. **Cacalia**—Mixed. Per pkt 5c.

122. **Calandrinia Grandiflora**—Deep pink. Pkt 5c.

Cactus

123. Sow seed in flower pot saucers filled with coarse sand and cover with glass. A better way is to set the saucer of seeds into a larger one containing water. Put the young seedlings into very small pots. Many varieties, extra choice mixed. Per pkt 10c.

Artemisia

103. **Stelleriana**—Hardy, showy perennial, with beautiful silvery, large and gracefully cut leaves, of agreeable odor; a valuable bedding plant; flowers small. Per pkt 10c.

Auricula

104. **Variegated**—Very beautiful dwarf, hardy perennial, succeeds best in northern aspects not exposed to the sun; choice quality. Pkt 10c.

Balloon Vine (Love in a Puff)

105. A rapid growing, handsome summer climber, small white flowers seed vessels resemble small balloons; 10 to 15 feet high. Pkt 5c.

Bartonia

106. **Aurea**, or Golden Bartonia—A favorite hardy annual, with showy brilliant, yellow flowers, of easy culture. Per pkt 5c.

Beet

The ornamental-leaved Chilian Beets are among the most useful of the decorative foliage plants. For ribbon beds or groups they are very effective.

107. **Red Chilian**—Scarlet Ribbed. Oz 15c, pkt 5c.

108. **Yellow Chilian**—Golden yellow. Oz 15c, pkt 5c.

109. **Dracena Leaved**—Brilliant dark red foliage. Pkt 5c.

Begonia

Plants may be had in flower the first season from seed grown in February or March in a temperature of 60°. Set out in beds as soon as the ground becomes warm. Keep tubers over winter in dry sand.

110. **Giant Single Tuberous Rooted**—Finest mixed varieties. Per pkt 25c.

111. **Giant Double Tuberous Rooted, Mixed**—Our seed has been hybridized, using the most double flowers and handsome single varieties. Pkt 35c.

112. **Pearcei**—A magnificent tuberous variety, bright golden color. Per pkt 25c.

113. **Rex Hybrids**—Ornamental leaved varieties. Per pkt 25c.



Brachycome (Swan River Daisy). Pkt 5c.



Begonia, Single, Tuberous Rooted. Pkt 25c.

BALSAMS

Balsams or Lady Slippers are old favorites with everyone, owing to their handsome double flowers, brilliant colors and stately growth. To produce very double flowers they must be transplanted in a rich soil, in a sunny position and frequently watered. Cutting out some of the side branches is also advisable, especially with the strong and bushy-growing varieties. Also called "Lady Slipper" and "Touch-Me-Not." In brilliancy of color, Balsams are equal to any class of flowers, and the easy mode of their cultivation renders them one of the most popular annuals in existence. They may be treated either as hardy or half-hardy annuals.

124. **Simmers' Invincible Camellia Flowered, Double**—Height 2 feet; flowers large, blotched with white like the Camellia, in variety of colors, mixed. Per pkt 10c, 3 pkts 25c, 1/2 oz 50c, oz \$2.00.

125. **Dwarf Double**—Not over 1 foot in height, flowering in such an abundant manner as to hide the leaves; quite distinct and true from seed. Pkt 10c.

126. **Solferino Double, or Carnation Striped**—Distinguished by the flowers be-

ing striped and streaked with lilac and scarlet on satin-white ground. Pkt 10c.

127. **Camellia Flowered, Perfection White**—(Queen's White), flowers pure white, of immense size and solidity. Per pkt 10c.

128. **Victoria Double**—Brilliant salmon-scarlet, finely spotted and streaked flowers on white ground, tall, very fine. Per pkt 10c.

Collection of Camellia Flowered Double—10 very fine varieties, 50c.

Calendula (Pot Marigold)

A showy, free flowering genus of hardy annuals, producing a pretty effect on mixed borders, and growing freely on any soil.

129. **Double Large Flowering Sulphur Yellow**—New light yellow variety of this favorite annual, compact habit, large well-filled flowers. Pkt 10c, 3 for 25c.

130. **Pongei fl. pl.**—Double white. 2 feet high. Per pkt 5c.

131. **Ranunculoides fl. pl.**—Double flowering dwarf orange. Per pkt 5c.

132. **Superba**—Sulphur. Pkt 5c.

133. **Meteor**—Double striped, flowering, very commendable. Per pkt 5c, oz 20c.

Calceolaria (Lady's Slipper)

A most magnificent, early flowering class of indoor or hardy greenhouse plants treated as biennials, with remarkably showy interesting flowers, mottled and spotted in endless varieties of shade.

134. **Hybrida, Maculata**—Variety of the preceding, with spotted or mottled flowers, highly improved. 1/2 pkt 25c, pkt 50c.

135. **Hybrida, Shrubby**—Or perennial, for bedding out during winter, bright yellow flowers. Per pkt 50c.

California Golden Bells

136. **Emmanthe pendulifera**—An annual bushy plant, 9 to 12 inches high, each branch is loaded with broadly bell-shaped pendulous of unwithering flowers, about 1/2 in. long, of creamy yellow color. The general effect of a branch is very suggestive of a long spike of Lily of the Valley, with large yellow bells, the foliage however is pinnatifid. Pkt 10c.

Callopsis or Correopsis

Showy, free flowering hardy annuals, indispensable in any collection, adapted for bouquets.

137. **Tricolor**—Very desirable hardy annual, 1 to 1 1/2 feet, yellow flowers, dark centre. Pkt 5c.

138. **Cardaminæfolia, Hybrida**—Of more dwarfish habit than the preceding; dark brown. Pkt 5c.

139. **Golden Wave**—Very showy sort, bright golden yellow flowers, dark centre. Pkt 5c.

140. **Correopsis lanceolata, New Golden Correopsis**—One of the finest hardy plants, large, showy, bright golden yellow flowers, freely produced on long stalks from June till frost, hardy perennial; 3 feet. Pkt 10c.

Callirrhoe

141. **Pedata**—A half-hardy annual of the Mallow tribe, with large, deep rosy flowers, produced in abundance during the whole summer; of easy culture; height 2 feet. Pkt 5c.

Campanula (Canterbury Bells)

Bellflowers, when well grown, are amongst the most attractive of hardy perennial plants, from the rich profusion of bell and saucer-shaped flowers in blue, white or flesh color.

142. **Medium Mixed (Canterbury Bells)**—2 ft. high, large, single, blue flowers. Pkt 5c.

143. **Medium, fl. pl., Mixed**—Double flowering variety of the preceding, constant from seed. Per pkt 10c.

144. **Pyramidalis**—3 to 5 ft. high, producing long spikes closely set with deep blue flowers. Pkt 10c.

145. **Loreyi**—A dwarf hardy annual, with deep blue flowers. Per pkt 10c.

146. **Macrostyla**—A hardy annual 15 in. high, forming a broad-headed bush, surmounted with cut-shaped flowers 1 1/2 in. across, violet purple upon white ground. Pkt 10c.

147. **Cup and Saucer Campanula**—One of the prettiest hardy perennial Campanulas, the flowers grow in the form of a cup and saucer, the colors are principally white and rose, and occasionally blue. Pkt 10c, 3 for 25c.

148. **Striped Cup and Saucer**—The bells average 3 in. in length, and the saucer 4 to 5 in. across, of a satiny lavender. Plants form perfect pyramids of bloom about 24 in. high, bearing frequently from 100 to 200 of these exquisite blossoms. Hardy biennial. Pkt 10c, 3 for 25c.



Simmers' Invincible Camellia Flowered Double Balsam—Pkt 10c.



Calceolaria, Lady's Slipper Pkts 25c and 50c.



Calliopsis Golden Wave—Pkt 5c.



Calendula, Double Large Flowering Sulphur Yellow—Pkt 10c.



Canterbury Bells

See also
Colored
Novelty
Pages.

CANARY CREEPER

(or Canary Bird Flower)

**Canary Creeper, or Canary Bird Flower**
Pkt 5c.

149. A well-known, pretty, favorite creeping annual, with bright yellow flowers shaped like a bird with partly extended wings, running up to 8 or more feet in height, in light, rich soil; it may be treated as a hardy or half-hardy annual. Per pkt 5c, oz 30c.

Candytuft

Hardy annual or perennial, yielding an abundance of fragrant flowers throughout the whole season in almost any soil or situation; it is a well known favorite for beds, edgings, pots, borders, etc., deserving to be cultivated in every garden.

150. **Empress**—One of the finest varieties in cultivation. It is intermediate in height between the old Rocket and the newer Tom Thumb sorts. The plant is of a very branching habit, and when fully grown and covered with its large trusses of pure white flowers, resembles a floral candelabra. Do not sow too thickly. Per pkt 10c, 3 pkts 25c, $\frac{1}{2}$ oz 30c.
151. **Candytuft, Scarlet**—One foot high. Pkt 5c.
152. **Purple**—One foot high. Pkt 5c.
153. **White Rocket**—Per pkt 5c, $\frac{1}{2}$ oz 15c.
154. **Snowflake White**—One foot high. Pkt 5c, oz 25c.
155. **Dwarf Tom Thumb, White**—Sweet scented flowers nine inches high. Per pkt 5c.
156. **Mixed**—All Colors. Per pkt 5c, $\frac{1}{2}$ oz 15c.
157. **Perennial**—(*Iberis Tenoreana*)—A half-hardy, perennial shrub, 1 foot high, white fragrant flowers, for indoor culture. Per pkt 10c.
158. **Iberis Gibraltarica, Perennial Candytuft**—A beautiful hardy perennial, about 1 foot high, specially adapted for rookeries, baskets, etc. Coming into flower early in the spring. It is a very profuse bloomer, and in color it is pure white, shading off to delicate lilac. Pkt 10c, 3 for 25c.

**Empress Candytuft.** Pkt 10c.**Canna (or Indian Shot)**

Very stately and highly ornamental plants, with large broad, massive foliage and rich crimson, scarlet or yellow flowers. When planted in groups or masses they impart a tropical aspect to the garden. They are half-hardy, and produce fleshy roots which if taken up and kept in a cellar, may be divided every spring and used like Dahlias for years.

159. **Crozy's New French, or Gladiolus Flowered**—This new and distinct class, of dwarf, compact habit, produces flowers similar to the Gladiolus, but excelling them in brilliancy, marking and variety of colors, embracing all shades. They are valuable for groups, solitary plants and for house decoration. They will bloom the first year from seed. Per pkt 10c, $\frac{1}{2}$ oz 20c.
160. **Madame Crozy**—Flowers of the largest size, of a dazzling scarlet bordered with golden yellow; very free flowering. Per pkt 10c, $\frac{1}{2}$ oz 30c.
161. **Florence Vaughan**—One of the finest red spotted yellow varieties. Per pkt 10c, $\frac{1}{2}$ oz 30c.
162. **Queen Charlotte**—Distinct and beautiful, brilliant orange-scarlet, wide margin of bright yellow. Per pkt 10c.

**Crozy's New Dwarf Large Flowering Mixed Cannas**—10c per pkt, 3 pkts 25c.

163. **Collection** of the above 3 varieties, 1 pkt each 25c.

164. **CHOICE MIXED**—Old Varieties, red and green foliage. Pkt 5c.

Catchfly

165. A favorite hardy annual, one foot high, flowering freely, and suitable in any soil. Pink and white. Per pkt 10c.

Castor Oil Bean (Palma Christi)

Most favorite stately growing hardy annuals; from their tall growth and fine foliage well suited for decorating shrubberies or lawns.

166. **ZANZIBAR CASTOR BEAN**—A new form of Ricinus, of short-jointed stout growth and extraordinary large leaves, which are produced in such abundance that the plant is a perfect pyramid of beautiful foliage. The most tropical and ornamental Castor Bean yet introduced. The seeds, which grow to extraordinary size, are beautifully mottled and speckled, and show various colors: White, pink, black, crimson, etc. The seeds are as beautiful to look at as are many flowers. They are sure to please all. Per Pkt 10c, oz 20c, $\frac{1}{2}$ lb 50c.
167. **Cambogiensis**—(Cambodian Palma Christi)—They grow from six to eight feet high in a few weeks from time of planting, with large, palm-like leaves of a bronzy red maroon color, with large red veins. The leaf, stems and younger growth are of rich reddish brown, while the main stem or trunk is of ebony black, the foliage in the sunlight glitters as if highly burnished. Price, per pkt 10c, oz 35c.
168. **Borboniensis Arboreus**—Immense green foliage. 15 feet. Pkt. 5c. oz 30c.
169. **Gibsoni**—Dark purple stems and leaves, 5 feet. Per pkt 5c, oz 30c.
170. **Sanguineus**—A distinct variety with beautiful, brownish-red foliage and bright seed pods; very effective, 6 feet high. Pkt 10c, oz 30c.
171. **Mixed**—In many sorts. Per pkt 5c, oz 20c.

Centrosema**Grandiflora**

172. A perfectly hardy perennial vine of rare beauty; which blooms in July from seed sown in April, and bears in great profusion inverted pea-shaped flowers ranging in color from a rosy violet to a reddish purple

with a broad feathery white marking thro' the centre, the buds and back of the flowers being pure white. Per pkt 10c.

REMEMBER

WHEN ASKED FOR
We give a copy of "Simmers
Vegetable and Flower
Garden," with every Dol-
lar's Worth ordered.

**Ricinus Zanzibarensis**—Pkt 10c, 3 for 25c.

Simmers' Carnations

A magnificent genus of hardy popular perennials, with deliciously fragrant flowers of most brilliantly variegated colors.

173. **Extra Choice Double**—Mixed, saved from a rich collection of named flowers, which will produce splendid varieties. Per pkt 25c.

174. **Fine Double**—Mixed, sweet scented sorts. Pkt 10c.

175. **Remontant, Perpetual Flowering or Tree**—Flowering almost constantly during the year, and in winter if kept indoors. Seeds from extra choice double flowers. Per pkt 25c.

176. **Early Dwarf Grenadin**—For yielding a quantity of double flowers for cutting there is no carnation that can equal it. It will live through the winter with very little protection, being one of our hardiest sorts. Flowers salmon-red and sweet scented. Pkt 10c.

177. **Marguerite**—Plants are of dwarf, compact and neat habit, branching closely above the ground, and do not require any support. They flower most abundantly, and throughout the whole year. Eighty per cent. of the flowers are very double, never burst, and embrace a great variety of colors. The seedlings bloom in four months from planting, and by making repeated plantings flowers may be had all winter. Per pkt 10c, 3 for 25c, 7 for 50c.

For Carnation plants, see under Plants.



Cineraria Hybrida Grandiflora Maxima

CHRYSANTHEMUM (Annual Summer Flowering)

Showy and effective garden favorites, extensively grown for cut flowers. The hardy annuals are summer flowering border plants; good for pot culture, and quite distinct from the autumn flowering varieties.

178. **Coronarum**—2 ft. double white and yellow mixed. Pkt 5c.

179. **Single Mixed**—1 to 2 feet. Per pkt 5c, oz 30c.

180. **Eclipse**—Pure golden, with bright purplish scarlet ring on ray floret; disc is brown. Per pkt 10c, 3 for 25c.

181. **Dunnetti**—Three-colored flowers, very pretty. Per pkt 5c.

182. **Grandiflorum Frutescens**—("The Marguerite" or "Paris Daisy"). It produces freely white star-like flowers. Pkt 10c, 3 pkts for 25c.

183. **Inodorum Plenissimum**—Double, snow-white, very free flowering and fine for cutting. A perennial flowering the first year from seed. Pkt 10c.

184. **Japanese Hybrids**—The seed here offered has been saved from a magnificent collection, from blooms that have been carefully crossed, and may be expected to produce some rare novelties in this popular flower. Chrysanthemum seed grown in spring will produce vigorous flowering plants by fall, and do better than old plants. Per pkt 25c.

CLEOME (Spiderwort)

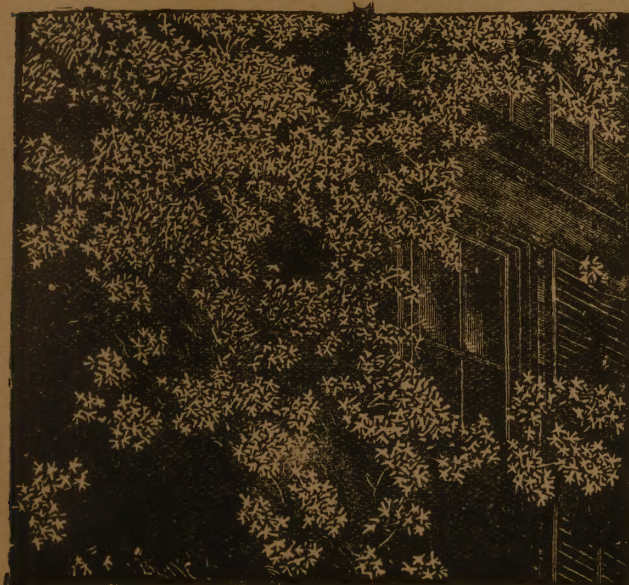
Very pretty half-hardy fragrant annuals, 2 ft. high, flowers somewhat resemble a spider.

185. **Purpurea**—Purplish blue flowers. Pkt 5c.

186. **Pungens** (*Giant Spider Plant*). A showy robust growing plant, 4 to 5 ft. high, producing long curious spikes of flowers of a bright rose color. Pkt 10c.

CENTRANTHUS

187. **Macrosiphon**—Showy, low growing, hardy annuals, suitable for any ordinary garden soil. Pink flowers, 1 foot. Pkt 5c.



Clematis Paniculata—Pkt 10c, 3 pkts 25c.

CLARKIA

A genus of hardy annual plants of great elegance and beauty, succeeding well in any soil, and flowering freely in many shades of color.

188. **Mrs. Langtry**—A beautiful form of Clarkia. The petals have an even edge, the color of the flowers being purest white, with an evenly defined disc or centre of carmine crimson. Pkt 10c.

189. **Double and Single Varieties**—Mixed. Per pkt 5c.

CLEMATIS (Virgin's Bower)

These hardy perennials are most rapid growing climbers, producing an abundance of interesting, sweet scented and showy flowers.

190. **Flammula**—Sweet-scented white flowers. Per pkt 5c.

191. **Jackmanii**—Rapid climber, with intense deep violet purple flowers of large size. Pkt 10c.

192. **Paniculata** (*Japanese Virgin's Bower*)—This is one of the few really good hardy climbers, and has so many merits, that we have decided to bring it prominently to the notice of our customers. Unlike other sorts, it grows easily from seed, and sown early, will flower the first year. The leaves are of a bright, glossy green, it is never troubled with insect pests, and when in bloom astonishes with the quantity of flowers, the plant being completely hidden beneath a blanket of white hawthorne-scented blossoms. (see cut). Pkt 10c, 3 pkts 25c.

CINERARIA

193. **Hybrida Grandiflora Maxima, Flowering Varieties**—A popular class, mostly indoor or greenhouse plants, yielding abundance of bright tinted flowers early in spring in great variety of shades. Cinerarias grown from our strain of seed have been greatly admired on account of their large flowers and distinct colors.

Our strain of Cineraria cannot be surpassed either for size of flowers or beauty of color, many of the blooms measuring 2½ inches in diameter. We have received very flattering reports from florists and private gardeners of their success with our Cineraria seed. All desiring the best should procure our strain. Mixed. Per ½ pkt 25c, pkt 50c.

194. **Hybrida, double flowered**—Representing every shade of color; unquestionably one of the best of recent introduction. Per pkt 50c.

BEDDING CINERARIAS

195. **Maritima**—A hardy perennial extensively used for bedding purposes on account of the silvery, finely fringed foliage. Per pkt 5c.

196. **Acanthifolia**—Silvery leaves, beautifully cut, 1 foot high. Pkt 10c.

CERASTIUM (Snow in Summer)

197. **Biebersteini**—One of the prettiest hardy perennial plants ever known for bedding out or ribboning, being of dwarf growth, densely branching with leaves covered with a cottony down of snowy whiteness, and producing a profusion of elegant white flowers. 6 inches high. Per pkt 10c.

CITRUS (Lemon Tree)

198. **Myrtifolius sinensis**—Myrtle leaved. A most appropriate plant for indoor or parlor culture, growing easily under ordinary care and producing in time most beautifully fragrant flowers. Per pkt 10c.



Chrysanthemum, Double Yellow and White—Pkt 5c.



Marguerite Centaurea. Pkt 10c.

203. **Depressa**—Deep blue flowers one foot high. Per pkt 5c.

204. **Double**—We are satisfied that this new introduction will meet with a hearty welcome. In addition to the *doubleness* of the flower, this strain contains a number of new shades. Pkt 5c.

205. **Cyanus** (Blue Bottle)—Different shades of colors, mixed, 2 feet high. Per pkt 5c.

206. **Suaveolens** (Sweet Sultan)—Bright golden yellow flowers, height 1½ feet. Per pkt 5c.

CENTAUREA OR DUSTY MILLER—White leaved. The following are beautiful hardy perennial plants with silvery leaves of dwarf growth, useful for bedding, and treated as annuals if sold early in the spring.

207. **Candidissima, Compacta**—Pkt 10c. 1000 seeds 75c.

208. **Gymnocarpa**—Pkt 10c, per 1000 seeds \$1.00.

Clanthus (Glory Pea of Australia)

209. A splendid half-hardy shrub 2 feet high, with large, rich, crimson-shaded clusters of pea flowers, shaped like parrot bills. If sown early will flower outdoors the first year. Pkt 25c.

CLINTONIA

210. **Pulchella**—Elegant, tiny, half-hardy annual, 6 to 8 inches high, sky-blue flowers, with white centre. Best grown in pots or in hanging baskets. Pkt 10c.

COBÆA

Elegant rapid-growing climbers, 20 to 30 ft high that can be grown in the greenhouse or conservatory, or in the garden in summer, where from their luxuriance they are particularly desirable for covering arbors, walls, etc. Flowers large and bell-shaped.

211. **Scandens**—Large bell-shaped, purple flowers. Per pkt 10c, ¼ oz 20c.

212. **Scandens Alba**—Pure white. Per pkt 10c.



Celosia "Ostrich Feather." Pkt 10c.

CENTAUREA

(Corn Flower, or Bachelor's Button)
Showy, free flowering, hardy annuals, succeeding well in any kind of soil.

MARGUERITE CENTAUREA

199. This beautiful new annual comes to us from Italy, where it has been grown for a few years and was named after the Queen. It is the handsomest Centaurea known and should be planted in every garden. The plants grow about fifteen inches high and are of the easiest culture. The flowers are of the purest white, exquisitely fragrant, and are produced in great abundance. Having long stems, it is valuable both as a cut flower and for decorative purposes. Pkt 10c, 3 pkts 25c.

Centaurea Odorata Chameleon

200. A splendid companion to our lovely Centaurea Margaret. Its flowers are large, sweet-scented, and of a pale sulphur-yellow, changing gradually into creamy white with purple shadings and again into pink. A remarkable and unique sort. Prefers a dry, sunny and airy situation. Pkt 10c, 3 for 25c.

201. **Odorata** (Mixed)—Habit same as the preceding varieties, with a selection of finest mixed colors. Pkt 10c.

202. **AMERICANA**—Lilac flowers, 3 feet high. Per pkt 5c.



Centaurea Cyanus, Cornflower. Pkt 5c.

COCCINEA INDICA

(Or Scarlet Fruited Ivy Leaved Climber)

213. This is a remarkably pretty climber, foliage ivy-like bright and luxuriant, never troubled with insects, and admirably adapted for trellises, arbors, etc. The small flowers are soon followed by numerous fruits 2 inches long, which turn to brilliant scarlet spotted with white. Half-hardy perennial—10 feet. Pkt 10c.

COLLINSIA

214. **Bicolor, Mixed**—Very neat hardy annuals, foot high, growing in any light soil. Flowers purple, lilac and white spotted. Per pkt 5c.

COLEUS

215. **Hybridus**—Beautiful ornamental foliage plants both for hothouse and bedding out during summer; the broad oblong leaves being of a deep, crimson brown color, edged with green, yellow or salmon color, or mottled in a most picturesque manner. Simmers' finest mixture. Per pkt 25c.

COLUMBINE (See Aquilegia)

COMMELINA

216. **Coelestis**—A pretty biennial, of easy culture and of low growth; flowers bright sky-blue. Per pkt 5c.

COCKSCOMB (or Celosia)

Splendid half hardy annuals, generally known. To grow them to perfection they should be planted in the richest compost, in a sheltered position, and attention paid to removing all side branches when very young, so as to produce one strong head.

217. **CRISTATA, Giant**—Mixed colors. Per pkt 5c.

218. **Dwarf**—Mixed colors. Per pkt 10c.

219. **President Thiers, Glasgow Prize or Tom Thumb**—A fine dwarf variety, with dark leaves and crimson combs. Per pkt 10c, 3 for 25c.



Cobæa Scandens. Pkt 10c.

220. **Japonica, (Japanese Cockscomb)**—Plants 2½ feet in height, dark red foliage and stem, purplish scarlet head, Per pkt 10c.

221. **Feathered or Ostrich Plume Varieties in Finest Mixtures**—This feathered Celosia produces very large plumes which are exquisitely curved and curled in exact resemblance of an ostrich feather. The plant grows about three feet high, is of handsome pyramidal form, and the numerous massive plumes waving gracefully above the foliage make it one of the most effective ornamental plants for either pot or outdoor culture. It is of easy cultivation, requiring the same treatment as the ordinary Cockscomb. Per pkt 10c.

222. **"Golden Yellow" Branched Cockscomb (Celosia Japonica aurea)**—In habit this is the same as the favorite crimson variety, forming a pyramidal branched plant about 2 feet high, each branch being surmounted with finely ruffled comb, bright golden yellow. Pkt 10c.

COLLOMIA

223. **Coccinea**—A hardy annual, about 18 inches high, scarlet flowers, neat in bouquets, grown in any light soil. Pkt 5c.

CONVOLVULUS (Dwarf Morning Glory)

Very popular hardy trailing annuals, flowering in different shades of brilliant blue and purple, with white centre, until late in autumn.

224. **Minor, Mixed**—Tricolor, sometimes striped sky-blue, white centre, yellow eye. Per pkt 5c, oz 25c.

225. **Double Flowering**—Flowers variegated, semi-double, but not very constant from seed. Pkt 5c.

226. **Mauritanicus**—A hardy trailing perennial with sky-blue flowers 1½ inches in diameter, suitable for hanging baskets. Pkt 10c.



Dwarf Cockscomb. Pkt 10c.

COSMOS

This plant for fall blooming has no superior. Sow in April or May and transplant to open ground. From September till November they will be covered with hundreds of blossoms three inches across, resembling single Dahlias. Planted in pots and brought inside to flower like Chrysanthemums they are grand. Colors, from pure white to purplish-crimson. Foliage and flowers are unsurpassed for bouquets and vases.

227. **Mammoth Fine Mixed**—Per pkt 10c, 3 for 25c.

228. **Pure White "Pearl"**—Per pkt 10c.

COWSLIP

229. **Primula Veris**—A well-known, hardy, early-flowering perennial, appropriate for edging borders; flowers bright yellow and fragrant. Pkt 5c.

230. **Giant American Cowslip** (*Dodecatheon Clevelandi*)—It throws up stems of flowers fully 1 foot high, each surmounted by 6 to 10 large, beautiful, cyclamen-like flowers of violet blue, with yellow and black centre. It is perfectly hardy and beautiful plant for partially shaded situations. Pkt 25c.

CUCUMIS

231. **Flexuosus** (Snake Cucumber)—Fruit resembling a long green snake, upwards of seven feet in length, a great curiosity. Per pkt 5c.

232. **Perennis, or Perennial Gourd**—A rapid growing, half-hardy perennial climber, handsome fruit. Per pkt 10c.

DOUBLE DAISY (*Bellis Perennis*)

247. **Simmers' Mammoth Daisies**—The Double German Daisy is one of the prettiest dwarf hardy perennials in cultivation. It flowers the first year from being sown; seeds from the finest double sorts. Per pkt 10c.

248. **Pure White**—Double, valuable for florists. Per pkt 10c.

249. **Longfellow**—Fine large flowering, dark rose flowers. Per pkt 10c.

250. **New Snowball Daisy**—A sport of that charming variety Longfellow, which possesses the good qualities of its parents; long stem, free bloom and large double flowers, about 80 per cent. of which are extremely large and snowy white, justifying its name. Per pkt 15c.

DICTAMNUS

Very pretty hardy perennials; the leaves have a pleasant smell like lemon peel when rubbed.

251. **Fraxinella, or Gas Plant**—The ordinary purplish pink form, while not showy, is stately, and the white variety is really handsome. It has strong, fresh, pleasant lemon perfume, particularly so when you rub the flowers. Per pkt 10c.

252. **Fraxinella Alba**—White flowers. Per pkt 5c.

DIGITALIS (Fox Glove or Witch's Finger)

Well known, showy, tall, hardy perennials, with large spikes of beautiful bell-shaped flowers in different shades of purple and pink and white; height about 3 feet.

253. **Monstrosa Purpurea** (Mammoth Foxglove)—The largest and best type, all colors, mixed. Per pkt 5c.

254. **Gloxinaeflora**—Large flower spikes, beautifully spotted, mixed. Per pkt 10c.

DATURA (Trumpet Flower)

This genus forms part of our most showy plants both with respect to flower and foliage; flowers are trumpet-shaped almost six inches in length and very fragrant; they are half-hardy annuals.

255. **Double Golden Queen**—Large double flowers of a deep golden yellow, delightfully fragrant. Per pkt 5c.

256. **Fastuosa Huberniana**—Mixed from large double flowers of various colors. Per pkt 5c.

257. **Arborea Simplex** (*Brugmansia*)—Large, single, trumpet-shaped, white fragrant flowers, about 12 inches long; plant out in May. Per pkt 10c.

258. **Cornucopia** (Horn of Plenty)—The plant is of robust habit, with thick, brownish-purple, shining stems; branches spreading 3 or 4 feet, with dark green large leaves. The grand trumpet-shaped flowers measure 7 to 9 inches in length, and 4 to 6 inches across, and are formed of three distinct trumpet flowers, growing each within the other; the mouth of the corolla is a delicate white, while the outside is richly marbled with purple. Per pkt 10c, 3 pkts 25c.



Cyclamen Persicum Giganteum—Pkt 10c.

CUPHEA (Cigar Plant)

Remarkable for their beauty, freedom of blossom and ornamental appearance both in the greenhouse and in the arbor; admirably adapted for pot culture for blooming in winter.

233. **Platycentra** (Cigar Flower)—One foot high, intense scarlet flowers. Per pkt 10c.

234. **Rozzlii**—Three feet high, brilliant scarlet flowers, blooming in winter. Per pkt 10c.

CYCLAMEN

235. **Persicum Giganteum**—A graceful, tuberous greenhouse or parl. r plant, with beautiful deep pink or white fragrant flowers. Finest mixed colors. Per pkt 10c, 3 pkts 25c.

CYCLANTHERA

236. —**Explodens**—Fast growing, hardy annual climber, fringed foliage, oval shaped fruit. Pkt 5c.

CYPERUS (Umbrella Plant)

237. **Alternifolius Variegatus**—A handsome foliage plant for the greenhouse or open ground; resembles an open umbrella frame. Pkt 10c.

CYPRESS VINE (*Ipomoea*)

238. **Cypress Vine** (*Ipomoea quomoclit*)—A beautiful scarlet or white flowering climber. Per pkt 5c.

DAHLIA

It is strange how few people know that Dahlias can be raised from seed and bloom the first year. The seed we offer is saved from the choicest varieties only, and if sown early will bloom profusely all summer.



Datura Cornucopia (Horn of Plenty)—Pkt 10c.



Simmers' Mammoth Daisies

239. **Best Double Mixed**—Per pkt 10c, 3 pkts 25c.

240. **Dwarf or Liliput Mixed**—Per pkt 10c.

241. **Single Mixed**—Per pkt 10c.

For **DAHLIA** ROOTS see under **Bulbs**

DIDISCUS

242. **Ceruleus**—A half-hardy annual, 2 feet high, delicately formed foliage and sky-blue flowers in umbels, very useful in bouquets. Per pkt 5c.

DIELYTRA

243. **Spectabilis** (Bleeding Heart)—A beautiful hardy perennial, 2 to 3 feet high, feathery foliage, flowers lovely pink, drooping, heart-shaped, in numbers on slender stems. Per pkt 10c.

DOLICHOS (Egyptian or Hyacinth Bean)

244. **Giganteus**—A favorite, hardy annual climber, of rapid growth, bearing large clusters of showy, fragrant flowers, the seed pods in form of beans, deep purplish-blue colored. Per pkt 5c.

DRACENA OR CLUB PALM

Palm like plants, indispensable for decoration.

245. **Indivisa**—Grows easily from seed. Per pkt 10c.

DRACOCEPHALUM (Dragon's Head)

246. **Moldavicum**—Annual, 2 feet high, blue flowers. Desirable hardy annual plants of low growth, of quite an agreeable fragrance, easily grown from seeds. Per pkt 5c.



Digitalis, or Foxglove
Pkt 5c.



Dianthus Laciniatus, fl. pl. Pkt 10c.



Dianthus Heddwigii, fl. pl., or Double Japan Pink. Pkt 5c.

DOUBLE ANNUAL VARIETIES

271. **Imperialis, fl. pl.** (Double Imperial Pink)—About 6 inches high, in great variety of shades. Per pkt 5c, oz 75c.
 272. **Chinensis, fl. pl.** (Double China or Indian Pink)—About 12 inches high, of robust growth, extra double flowers, in great variety. Per pkt 5c, oz 50c.



Dianthus Crimson Belle and Eastern Queen. Pkt 10c. each.

DELPHINIUM (Larkspur)

All Larkspurs, whether of hardy annual or hardy perennial nature are remarkable for their great beauty, diversity of shades and high decorative qualities. They also differ greatly in their habit of growth, some producing magnificent spikes of flowers, others again being dwarf and completely covered with flowers. Sow the seed early, and they bloom freely the first year.

259. **Rocket, Ajacis, fl. pl., Double**—2 feet high, with long spikes of various shaped flowers. Per pkt 5c.
 260. **Double Hyacinthiflorum**—Hyacinth flowered, 1½ feet high, more compact in growth, flowers as fine as the preceding. Per pkt 5c.
 261. **Emperor**—Of symmetrical bushy habit, with a profusion of brilliant dark blue, red-striped and tri-colored flowers. Per pkt 5c.
 262. **Double stock-flowered**—The flowers, of a fiery carmine, are of great effect, and their principal merit consists in keeping their bright color even in a dry state. Per pkt 10c.
 263. **Consolida Candelabrum, fl. pl.**—Double branching, of compact, branching pyramidal growth, 1 foot high; flowers in many colors; appearing in abundance in a candelabra-like outline. Per pkt 10c.

HARDY PERENNIAL VARIETIES

264. **Cashmerianum**—A beautiful dark blue; blooms in corymbs of 6 or more; 15 in. Pkt 10c.
 265. **Formosum**—2 feet high; flowers in large spikes of exquisite blue and white. Per pkt 5c.
 266. **Nudicaule**—Of dwarf compact growth, producing flowers varying in color from light scarlet to crimson. Per pkt 15c.
 267. **Sinense**—2 feet high, flowering in loose clusters, sky blue, white or pink; excellent for bouquets. Per pkt 5c.

DIANTHUS—PINKS

A magnificent genus, combining some of the most popular flowers in cultivation, producing a great variety of brilliant colors and profusion of bloom. The hardy biennials and Japanese varieties bloom the first season, the same as hardy annuals, height one foot. The hardy perennial varieties are very fragrant and of easy culture in the garden or greenhouse.

SINGLE ANNUAL VARIETIES

268. **Crimson Belle**—Very fine, large rich crimson flowers. Per pkt 10c.
 269. **Eastern Queen**—Beautifully marbled, with broad bands of reddish lake upon petals. Most valuable. Per pkt 10c.
 270. **SALMON QUEEN**—Its flowers are of a very distinct and perfectly new tint in this class. They are of the most brilliant salmon color imaginable, changing into a salmon-rose when fading. The flowers are well formed and nicely fringed. The plants attain a height of 10 to 12 inches, like the other varieties of Dianthus Heddwigii. Per pkt 10c, 3 pkts for 25c.

273. **White Frill, or Mourning Cloak**—Double flowers of large size, rich and unique colors; rich purple maroon, almost velvet black, and sharply edged with clear white, making a striking and beautiful contrast. Per pkt 10c.
 274. **Coronatus, fl. pl.**—Carnation striped, double China Pink. Per pkt 10c.

275. **Sinensis, Heddwigii, fl. pl.** (Japan Pink)—Robust, growing exceedingly large, distinct showy flowers. Per pkt 5c.
 276. **Heddwigii Albus Grandiflorus, fl. pl.**—Very large double white flowers. Per pkt 10c.
 277. **Laciniatus, fl. pl.**—Very large double fringed flowers. Per pkt 10c.
 278. **Coronatus Heddwigii Diadematus, fl. pl.** (Double Diadem Japan Pink)—Extremely double, large flowering, beautiful shades. Per pkt 10c.

HARDY PERENNIAL VARIETIES

279. **Barbatus (Sweet William)**—1 ft. high, fine variety of colors, single mixed. Per pkt 5c.
 280. **Barbatus, fl. pl., Double Flowering Sweet William**—Brilliant variety, mixed. Per pkt 10c.
 281. **Plumarius, fl. pl.**—Double flowered, pheasant-eyed, pink, exquisitely fragrant. Pkt 10c.
 282. **Superbus Nanus**—Double white dwarf, an excellent and profitable variety for florists and for bedding out. Per pkt 10c.
 283. **Collection**—10 distinct varieties of Dianthus 75c.

ECHEVERIA

284. **Metallica**—A dwarf, succulent greenhouse perennial, for bedding out during summer, with broad, bronze fleshy leaves. Per pkt 25c.



Perennial Larkspur



Annual Larkspur



Single Sweet William. Pkt 5c.

Elichrysum (Everlastings)

Per pkt.

285. **Brachyrrhynchum** (Golden Ball)—1 ft. high, bright yellow flowers 10
 286. **Bracteatum** (Snowball)..... 5
 287. **Bracteatum** (Fireball)..... 5
 288. **Compositum Minimum**—Dwarf, mixed, quite distinct..... 5
 289. **Monstrosum, fl. pl.**—3 ft. high, double, mixed..... 5

Eschscholtzia (California Poppy)

Very showy hardy annuals flowering abundantly until very late in autumn, similar to poppies; of dwarf growth; succeeding in any soil. Pkt.

290. **Californica**—Orange..... 5
 291. **Rose colored**..... 5
 292. **White**..... 5
 293. **Mandarin**—Brilliant scarlet, distinct..... 10

Eccremocarpus (Calampelis)

294. **Scaber**—A rapid growing tender annual, with pretty foliage and clusters of handsome scarlet flowers..... 10

Erythrina (Coral Plant)

295. **Crysta Galli**—An ornamental, half-hardy perennial shrub, fine for outdoor summer decoration, with beautiful foliage and superb spikes of scarlet pea-shaped flowers; 5 ft. high..... 10

Erysimum (Hedge Mustard)

296. **Perofskianum**—A handsome free-flowering, hardy annual, 1½ ft. high, orange colored fragrant flowers, very showy..... 10

Euphorbia (Snow on the Mountain)

297. **Variegata**—Half-hardy annual 1½ ft. high, showy, excellent for borders..... 10
 298. **Heterophylla**—(The gorgeous Annual Poinsettia). "Mexican Fire Plant," or "Fire on the Mountain. Three pkts for 25c..... 10

Everlastings, Mixed

299. A single pkt will supply a great variety of the most attractive Everlasting Flowers. No more welcome present can be given to a visitor than some of these imperishable flowers. Three pkts for 25c..... 10
Everlasting Pea (See Lathyrus). **Evening Primrose** (See Enothera).

Ferns

300. To raise them from seed is very interesting; full directions are printed on the packages. A choice mixture of hardy kinds..... 15
 Collection of **Ferns**, 12 varieties, \$1.50.
FEVERFEWS (See Matricaria). **Four O'Clocks** (See Marvel of Peru).

Fragaria

301. **Indica** (Indian Strawberry). A yellow flowering half-hardy perennial, producing pretty scarlet but tasteless fruit in succession almost during the whole year; a desirable plant for hanging baskets.. 10

Freesia

302. **Freesia, Refracta Alba**—Very easily grown bulbs, which can be readily produced from seed. The flowers are pure white, with yellow throat and are exquisitely fragrant. Three pkts 25c, or..... 10

Forget-Me-Not

Charming little hardy perennial plants, with an abundance of star-like little flowers, well adapted for small beds, hanging baskets and rockeries. Per pkt.

303. **Alpine** (*Myosotis alpestris*)—4 ins. high, delicate sky-blue..... 5
 304. **Victoria**—The flowers are large and of a bright azure blue, with yellow centres. The plants form neat bushes, completely covered with flowers; a valuable variety for cut flowers and pot culture 10
 305. **Semperflorens**—A charming dwarf Forget-me-not, continuing in bloom from early spring until autumn; blue; 8 inches..... 10
Compact Blue—9 in. high..... 10
 307. **Dark Blue** (*azorica*)—Flowers half an inch across; rich turquoise blue, without eye..... 10
 308. **White Flowering**..... 10
 309. **Clear Blue** (*dissitiflora*)—One of the best of all the Forget-me-nots. It is of a remarkably compact habit; profuse bloomer, having the appearance, when in full flower, of a sheet of exquisite blue.. 10
 310. **Palustris**—Beautiful blue flowers, 1 ft.; suitable for swamp ground 5

Fuchsia

311. (Lady's Ear Drop). A pre-eminently beautiful popular greenhouse or parlor plant. Variegated mixed..... 25

Geranium

312. **Zonale**—Scarlet sorts mixed..... 10
 313. **Double, Mixed**—This seed will produce a large percentage of double flowers of extra fine colors..... 25
 314. **Apple-Scented**—This fragrant variety can only be grown from seed to form fine plants..... 10
 315. **Polargonium, Mixed**—From fancy and spotted varieties..... 25

Gilia Hardy annual; very free flowering; suitable for sowing in masses.

316. **Achillæfolia Rosea**—2 ft. high, rosy flowers..... 5
 317. **Capitata**—2 ft., sky blue..... 5
 318. **Tricolor**—1 ft., white, lilac and purple..... 5

Gladiolus 319. **Gladiolus Gandavensis**—Mixed..... 10

(Gladiolus Bulbs are offered on page 67).

Gaillardia Truly elegant, half-hardy biennial plants, flowering the first year, or hardy perennials of dwarf habit and flowers of two or three striking colors, in form of Cockades.320. **Picta Grandiflora**—The largest flowering variety of these popular annuals, very showy, many colors, mixed. Pkt 10c.

321. **Picta Lorenziana**—The ray and disc flowers of this new variety develop into tubular funnel-shaped florets one above another. Pkt 10c.

322. **Gaillardia Hybrida Maxima**—These are the choicest of hardy perennials; flowers are large, numerous, excellent for cutting, and of brilliant shades of orange, crimson, scarlet and vermilion, and very often a combination of all these colors in one flower; many colors, mixed. Per pkt 10c.

323. **Gaillardia**

Gamolepis—half hardy annual, 1 ft., feathered foliage and dark yellow flowers. Per pkt 10c.

324. **Gaillardia**

Gentiana—Short-stemmed hardy perennials, much used for edging; flowers dark blue..... 10

325. **Glaucium** (Horn Poppy)

Glaucium—Ornamental, hardy, robust, perennial foliage plants, bordering..... 10

326. **Globe Amaranthus** (Gomphrena Globosa)

Handsome favorite hardy everlasting annuals, flowering freely the whole summer.

326. **Bright Purple**—Flowers, 18 in. high..... 5
 327. **White**..... 5
 328. **Variegated**..... 5
 329. **Orange Yellow**..... 5

Gloxinia (Hybrida Crassiflora)

Bulbous-rooted plant, producing in great profusion during summer months, large bell-shaped flowers of the richest and most beautiful variety of brilliant colors. The bulbs must be kept warm and dry during the winter; 1 foot.

330. **GRANDIFLORA, with erect flowers**—A mixture of the finest spotted and blotched varieties. Per pkt 25c.

Gloxinia Bulbs, splendid large flowering bulbs, sure to produce first-class bloom. Price per bulb 15c, 4 for 50c, \$1.50 per doz. postpaid.

Grevillea (Silk Oak)

331. **Robusta**—Very beautiful and graceful foliage; highly valued as a decorative plant for table and tropical lawn effects; tender perennial, 3 to 5 ft..... 10

Godetia Ornamental hardy annuals, 2 feet, various shades of lilac and purple.

332. **Insignis**—Large flowered, mixed..... 5
 333. **Lady Albemarle**—Crimson, edges of the petals suffused with pale lilac dwarf..... 5
 334. **Lady Satin Rose**—Unequalled for brilliancy and richness of colors. The flowers are of a brilliant deep rosy pink, the surface shining like satin..... 5

GOLDEN FEATHER (See Pyrethrum).

Grasses, Ornamental

335. **Briza Maxima**..... 5
 336. **Bromus Brizaeformis** (Brome Grass)..... 5
 337. **Coix Lachrymae** (Job's Tears)..... 10
 338. **Gynierium Argenteum** (Pampas Grass)..... 10
 339. **Lagurus Ovatus** (Hare's Tail Grass)..... 5
 340. **Stipa Pennata** (Feather Grass)..... 10
 341. **Ornamental Grasses**—Mixture..... 10



Gaillardia Picta Grandiflora



Gloxinia



Ornamental Gourds

GOURDS (Ornamental).

342. **Flat Corsican**—Fruit in form of flat bottles. Per pkt 5
 343. **Dipper or Siphon**—A favorite variety 5
 344. **Herculean Club**—Fruit like large clubs. 5
 345. **Bottle**—Resembling a large bottle. 5
 346. **Orange**—Fruit like an orange. 5
 347. **Pear**—Like a pear in shape. 5
 348. **Striped Flat**—Green striped, very pretty. 5
 349. **Nest Egg**—Resembling an egg. 10
 350. **Serpent**—Fruit 5 to 6 feet in length, which when ripe becomes a brilliant carmine color. 10
 351. **Mixture** of most of the above. 5

Customers' Selection of six pkts 25c

Gypsophila Hardy annual or perennial plants of low growth, producing multitudes of tiny white flowers, extremely neat in bouquets.

352. **Elegans, Mixed**—Annual, 2 ft high 5
 353. **Saxifraga**—Perennial, trailing, white flowers. 5
 354. **Paniculata**—White, fine for bouquets, perennial. 5

Hedysarum 355. **Gyrans**—(The telegraph Plant). Possesses the remarkable property of setting one or more leaves in motion for an indefinite time without any apparent cause. Per pkt 25c.

Helianthus or Sunflower

356. **Nanus fl. pl.**—Dwarf variety about 2½ ft high, flowers very double, rich golden yellow, 5 to 7 inches across. Pkt 5c, oz 20c.

357. **Annuus, fl. pl.**—Tall large, and very double. Pkt 5c, oz 20c.
 358. **"Texas Silver Queen"**—At home in the south, where it attains a height of 10 feet, branching from the ground to the top, forming pyramid with upwards of 100 flowers on the one plant. Pkt 10c, 3 for 25c.
 359. **Cucumerifolius, Miniature Sunflower**—Small flowered, dwarf, single sunflower. Rich yellow, an abundant bloomer. Pkt 5c.
 360. **Oculatus, fl. pl.**—Very double, tall, yellow, green centre. Pkt 5c.
 361. **Globosis Fistulosus**—Flowers from 12 to 15 in. in diameter, globular and extremely double, most effective of all annual Sunflowers. Pkt 5c, oz 15c.
 362. **Multiflorus**—Hardy perennial, 5 to 6 feet high. Pkt 5c.
 363. **Mammoth Russian**—As the name implies of gigantic dimensions both of flowers and stalk; seeds are used largely for chicken feed. Pkt 5c, ¼ lb 10c, lb 25c.

Heliotropium 364. **Peruvianum**—Popular indoor or greenhouse plants of low growth and deliciously fragrant purplish-blue or lilac trusses of delicate flowers. Mixed. Pkt 10c.

Helipterum 365. **Sandfordii**—Pretty dwarf everastings, with bright yellow flowers. h.h.a. Per pkt 10c.

Hesperis or Rocket (Dame's Violet) 366. **Matronalis**—Popular, hardy, fragrant flowering perennials, 2 ft. high. Mixed colors. Pkt 5c.

Hibiscus A hardy, free flowering annual, 2 ft high, straw colored flowers, with prominent dark spots at the base, very desirable for mixed bed of flowers.

367. **Africanus** (Calisurus). Pkt 5c.

368. **Syriacus** (Double Rose of Sharon)—White and purple. Pkt 10c.

369. **Crimson Eye**—Flowers of the largest size, pure white, with a large spot of velvety crimson in the centre of each flower; hardy perennial flowers the first year from seed if sown early. Pkt 10c.



Hibiscus, Crimson Eye

HOPS

370. **Hops**—The old standard variety. Pkt 5c.

371. **Japanese Variegated**—The leaves are strikingly variegated and marked; the first color is bright deep green distinctly marked and blotched with silvery white tinged with yellow; now and then a leaf will be almost snowy white, and another one, not far away, almost green.

Pkt 10c, 3 for 25c.

Honesty

372. **Lunaria Rediviva**—Hardy biennial, admired for its silvery seed pouches, which are used for house ornaments, 2 feet high. Per pkt 10c.

Hyacinthus

373. **Candicans** (Cape Hyacinth). The flowers are fragrant, 1 to 2 in. across, creamy white, on spikes from 4 to 5 feet long. h.h.p., 4 to 6 feet. Pkt 10c.

Bulbs 10c each, 3 for 20c, 75c per doz

Humea

374. **Elegans**—Red, 3 feet high. A remarkably handsome plant, invaluable for decorative purposes; in the centre of beds it is most effective; half-hardy biennial. Pkt 10c.

ICE PLANT

A pretty little trailing plant, the leaves of which are covered with crystalline globules; half-hardy annual.

Miniature Sunflower
(Helianthus Cucumerifolius)

375. **Mesembryanthemum Crystallinum**—(Ice Plant). Pkt 5c.

376. **Tricolorum** (Dew or Wax Plant)—Small pink flowers. Pkt 5c.

377. **Cordifolium**—Large rosy purple flowers, good for hanging baskets, heart-shaped variegated leaves. Pkt 5c.

IMPOMEEA (See Morning Glory and Cypress Vine).

Impatiens Sultana 378. (Zanzibar or Sultan's Balsam).—Planted in open ground in June, it grows luxuriantly, flowers with the greatest profusion. The flowers are a brilliant rosy-scarlet, about 1½ in. in diameter. Pkt 15c.

Ipomopsis (Standing Cypress) Stems 2 ft high. Remarkably handsome, free flowering, half-hardy biennials for indoors, flowering the second year in different tints of bright orange scarlet.

379. **Elegans**—Mixed. Pkt 5c.

Kalanchoe Carne 380. This beautiful decorative plant attains a height of about 18 inches and is of good bushy habit. The pink flowers are of wax-like consistency, last a long time in perfection and are deliciously fragrant. Per pkt 20c.

Kaulfussia 381. **Ameloidea**—A pretty dwarf, hardy annual, 6 in. high, dark purple, daisy-like flowers, desirable for early summer flower beds. Pkt 5c.

Kochia 382. **Scoparia** (Belvidere, or Summer Cypress).—Rapid growing, graceful plants for mixed borders. Yellow, hardy annual, 3 feet, Pkt 10c.

Lantana 383. **Hybrida**—Fine Mixed. A rapid growing indoor shrub, for bedding during summer, 3 feet; flowers in heads of yellow, pink, orange or changeable colors. Pkt 5c.

LARKSPUR (See Delphinium).

Lavatera 384. **Hybrida**—Handsome, free flowering, upright growing hardy annual, of the Mallow tribe, crimson rose flowers. Pkt 5c.

Lavender 385. A hardy plant, bearing spikes of blue flowers, which are cut and dried for their fragrance; perennials, from 1 to 2 ft. Pkt 5c.

Layia 386. **Elegans**—A pretty and attractive little hardy annual, for cut flower purposes. The rays of the flower heads are bright yellow with white tips. Pkt 10c.

LEMON VERBENA (See Aloysia).

Lily of the Valley 387. **Convallaria Majalis**—Lovely little spring-blooming plants, bearing pure white, fragrant, bell-shaped flowers. Pkt 10c.

Where an attractive, ornamental climber is desired that will stand rough usage, we have nothing better than the Japanese Variegated Hop.



Lantana Hybrida

**Chater's Extra Double Hollyhock.** Pkt 15c.

394. **Crystal Palace**—Dark blue, fine for beds. Pkt 10c.
 395. **White Gem**—Pure white, compact habit. Pkt 10c.
 396. **Emperor William**—Blue, white eyes. Pkt 10c.

TRAILING VARIETIES

- Branching plants for hanging over vases and baskets, 6 to 9 inches high.
 397. **Gracilis**—Light blue, slender, trailing stems, grown for baskets. Per pkt 5c.
 398. **Erinus Grandiflora Stellata, or Paxtoniana**—Large blue flowers, white eye. Pkt 10c.
 399. **Erinus Speciosa**—Large, free flowering, sky blue, white centre. Per pkt 10c.

HARDY PERENNIAL VARIETIES

400. **Fulgens** (Queen Victoria)—Beautiful border plant, with brilliant scarlet flowers and metallic crimson foliage. Per pkt 10c.
 401. **Cardinalis**—Scarlet, native of Canada. Pkt 10c.

LIMNANTHES

402. **Douglassi**—Easily grown, free flowering, slightly fragrant plants, excellent for beds or edgings in damp, shady places; hardy annuals. Pkt 10c.

LINARIA (Kenilworth Ivy)

- Very pretty, hardy annual or perennial, trailing or low growing plants.
 403. **Alpina**—Perennial, lilac shaded. Pkt 10c.
 404. **Cymbalaria** (Kentucky Ivy)—Perennial, purple and white. Pkt 10c.
 405. **Hendersonii**—Annual 1 foot high; lilac and yellowshaded flowers. Per pkt 5c.

LINUM (Flowering Flax)

- Free flowering hardy annual or perennial plants.
 406. **Grandiflorum Rubrum**—Crimson. Pkt 5c.
 407. **Perenne**—Perennial blue. Per pkt 5c.

LOPHOSPERMUM

408. **Scandens**—Exceedingly beautiful and highly ornamental genus of climbers, handsome, showy foxglove-like flowers; half-hardy annual or biennial. Rosy purple flowers. Per pkt 10c.

LOVE-IN-A-MIST (Devil-in-the-Bush)

409. **Nigella Damascena**—Popular hardy annuals of low growth, handsome in bouquets. Blue white, mixed. Pkt 5c.

LUPINUS or LUPIN (Sun Dials)

- Desirable plants for bedding and bouquets, long graceful flower spikes, richly colored flowers.
 410. **Mixed Annual Varieties**—Per pkt 5c.
 411. **Mixed Perennial Varieties**—Pkt 5c.

LYCHNIS

- Beautiful hardy, biennial and perennial plants, 3 feet high, remarkable, conspicuous heads of brilliant scarlet-shaded flowers.
 412. **Chalcedonica**—Perennial, bright scarlet flowers. Per pkt 5c.
 413. **Grandiflora Gigantea**—A variety of the preceding, of dwarf nature, and with many large flowers. Per pkt 10c.

MALVA MOSCHATA ALBA

414. (White Musk Scented Mallow)—An attractive garden plant; grown into a pyramidal bush; produces numerous white flowers size of silver quarter. Thrives best in a warm situation. Per pkt 10c.

MALOPE

- A favorite hardy annual, 3 feet high, with large conspicuous flowers of the Mallow tribe.
 415. **Grandiflora**—White and rose, mixed. Per pkt 10c.

SIMMERS' SUPERB DOUBLE**Hollyhocks (Althæa Rosea)**

One of our grandest summer and autumn flowering plants, bearing long spikes of double flowers, 3 to 4 inches across. Hardy biennials, 5 to 8 feet high. The seed we offer has been saved from our unrivaled collection of choicest improved double varieties.

388. **CHATER'S EXTRA DOUBLE**—Most beautiful and true. Per pkt 15c.
 389. **Double White**—Extra strain of perfectly double pure white flowers. Oz \$1.00, pkt 10c.
 390. **Double Yellow**—Comprising buff, straw color and orange shades. Per pkt 10c.
 391. **Bright Red**—Double. Per pkt 10c.
 392. **Bright Pink**—Double. Per pkt 10c.
Hollyhocks—Chater's Prize Collection, 12 distinct colors, 50 cents.

For Hollyhock plants to flower this year, see Plant List.

LOBELIA**DWARF OR COMPACT VARIETIES**

Little, round, compact plants, fine for edgings, ribbon beds, etc., 4 to 6 inches high.

393. **Prima Donna**—A charming novelty; in habit dwarf and compact, rich, velvety, crimson maroon flowers. Per pkt 10c, 3 for 25c.

**Marvel of Peru.** Pkt 5c.**MARTYNIA**

Handsome, tropical appearing annuals, for outdoor cultivation during summer, being raised indoors; 2 feet high, large leaves and trumpet-shaped flowers, producing curiously shaped seed pods, like horns.

416. **Formosa**—Mixed. Per pkt 5c.

MARVEL OF PERU (Four O'Clock)

417. (*Mirabilis Jalappa*)—Beautiful half-hardy annuals; may be kept in cellar during winter and replanted every spring; 3 feet high; flowers are fragrant, especially in the evening. In many shades, mixed. Pkt 5c.

MARIGOLD

Popular hardy annual border plants of magnificent effect; varying in height, form and color of flowers, but always being showy, desirable border plants.

418. **Eldorado, Tall (Double African)**—The handsomest of the Marigolds, its color ranging from palest yellow to the deepest orange; flowers are large, almost round, and very double. Per pkt 10c.
 419. **Dwarf (Double African)**—1 foot high, orange color. Per pkt 5c.

**Marigold, Double Tall African, Eldorado.** Pkt 10c.

420. **Tall (Double African)**—2 feet high, orange color. Per pkt 5c.
 421. **Tall Striped (Double French)**—2 feet high, yellow flowers, with a broad stripe on each petal. Per pkt 5c.
 422. **Dwarf (Double French)**—1 foot high, flowers velvety brown, finely edged yellow. Pkt 5c.
 423. **Gold Nugget (Double French)**—Dwarf, dense growth, and immense double flowers, which are of a peculiar shade of golden yellow. Per pkt 5c.
 424. **LEGION OF HONOR (French)**—One of the prettiest and handsomest of the Marigolds. The plants grow 9 inches high, are insect and drought proof and will bloom from the middle of summer until late in fall. Flowers rich, golden yellow marked with velvety brown. Per pkt 10c.

MATHIOLA (Evening Scented Stock)

425. **Bicornis**—A desirable half-hardy annual, 1 foot high, bushy, with rosy lilac flowers of a delicious perfume, especially in the evening. Per pkt 5c.

MATRICARIA (Feverfew)

Hardy perennials, flowering the first year, with daisy-like, double white flowers, 1 ft. high.

426. **Capensis, fl. pl.**—Known as bridal rose. Per pkt 5c.
 427. **Eximea Nana Aurea Crispa, fl. pl.**—Dwarf growing, with golden yellow leaves exquisite for bordering. Pkt 10c.

MAURANDIA

428. **Maurandia, Mixed**—The prettiest half-hardy climbing plants in cultivation, for trellises outdoors, or for greenhouse or parlor culture. Per pkt 10c.

MELILOTUS (Sweet Clover)

429. **Suaveolens**—Per pkt 5c.

MELOTHRIA

430. **Punctata** (African Oak-leaved Climber)—A magnificent, rapid growing, climbing annual. Flowers are succeeded by great numbers of blue-brown berries. Pkt 25c.

**Marigold (Legion of Honor)**



Machet Mignionette—Pkt 10c.

437. **Bird's Mammoth**—Under proper cultivation the spikes average 12 to 15 inches long, are very full and exceedingly fragrant. Pkt 10c.

FOUR GIANT MIGNONETTES

438. —“**DEFIANCE**”—When grown under favorable conditions and with proper care, its spikes will not only be of remarkable size—from 12 to 15 inches long, but deliciously fragrant, much more so than any other variety. The individual florets are of immense size and stand out boldly, forming a graceful as well as compact spike. Per pkt 10c, 3 for 25c.

439. —“**The Prize**”—This is a very distinct variety, the flowers being unusually large as well as remarkable for their beautiful color and delicious fragrance; flowers light red, excellent for bouquets. Pkt 10c.

440. **Machet**—This extremely fine variety is undoubtedly the best Mignionette yet sent out. Vigorous dwarf pyramidal plants, very stout flower stalks, with numerous dark green leaves, terminating in long spikes of deliciously-scented red flowers. Best for pot culture and valuable for borders. Pkt 10c, oz 80c.

441. **Giant Red, or Paris Market**—This wonderful Mignionette grows 12 to 16 inches in height, in pyramidal form; its **enormous flower spikes** are of the largest size, the individual blossoms of an **intense red color** are very sweet-scented. One of the best for cut flowers and pot culture. Pkt 10c.

SPECIAL OFFER—One packet of each of the above, four Giant Mignionettes for 25c.

MUSA ENSETE (Abyssinian Banana)

442. A splendid plant for the open air in summer, producing a most striking effect when planted singly or in groups. In our hot summers it luxuriates and attains gigantic proportions when freely supplied with manure and water. The seeds germinate easily if started in hotbed or bottom heat in greenhouse. Tender perennial, 10 to 20 feet. Pkt of 5 seeds, 25c.

MIMULUS (Monkey Flower)

Extremely handsome, dwarf growing, half-hardy biennials, with delicate, large beautifully tinted flowers, requiring shelter from the midday sun to bring them to perfection.

443. **Cupreus**—Spotted, marked, dotted and blotched flowers on yellow ground. Pkt 5c.

444. **Simmers' Mammoth**—Magnificent strain; unequalled for beautiful colors. Pkt 25c.

445. **The Emperor**—The flowers are remarkably rich and varied in color. Pkt 25c.
Mimulus Moschatus—See **Musk Plant**.

MINA LOBATA (One of the handsomest climbers)

446. A charming Mexican climber, which somewhat resembles the Cypress Vine, except in color and shape of flowers, which are tube-shaped, borne on fork-like racemes and produced in great profusion. *Seed must be sown early.* Pkt 10c.

MOMORDICA (Balsam Apple)

447. **Momordica Balsamina**—A trailing or low climbing, half-hardy annual, the fleshy fruits, infused with sweet oil, being famous for curing wounds. Pkt 5c.

MOONFLOWER

448. **Moonflower** (*Ipomœa Noctiflora*)—Bears in the greatest profusion its lovely white flowers 5 to 6 in. in diameter, with five-pointed star in the centre; flowers open at dusk or earlier on cloudy days; deliciously fragrant. Start early in the house and set out as early as safe in the spring; the vines make very rapid growth, often attaining a height of 25 feet in one season. Pkt 15c.

MUSK PLANT

449. **Musk** (*Mimulus Moschatus*)—This fragrant and universally favorite little plant is well known and is equally at home in sitting-room, greenhouse or garden; half-hardy perennial. $\frac{3}{4}$ ft. Pkt 5c.



Simmers' Mixture of Morning Glories—Pkt 5c.

MORNING GLORY (*Ipomœa*)

(For the newest variety of Morning Glory see *Novelties*.)

Magnificent hardy annual climbers, very free flowers, trumpet-shaped, rich shades.

450. **Mixed**—Pkt 5c, oz 20c, $\frac{1}{4}$ 60c.

451. **Grandiflora**—Large flowering Mexican. Pkt 5c.

452. **Rubro-coerulea, or Viola Vera**—Splendid large flowering, sky-blue Mexican. Pkt 5c.

453. **Variegated Leaved Morning Glory**—With silvery white marble leaves distinct. Pkt 10c.

454. **Coccinea**—Scarlet, feathered leaves. Pkt 10c.

455. —“**HEAVENLY BLUE**”—The foliage is very large, heart-shaped; flowers 4 to 6 inches across in large clusters and of that indescribable light blue with a yellow throat suffusing softly into blue. The climber is covered with bloom so as to almost cover the foliage. Also a splendid conservatory climber. Pkt 10c.

456. **LEARI**—“The Blue Dawn Flower.” Although this does wonderfully well outside in the summer, yet it is generally grown as a greenhouse climber, and it is most beautiful, bearing clusters of the most lovely sky-blue flowers imaginable that measure fully 5 to 6 inches across. Pkt 10c.

NICOTIANA (Tobacco Plant)

The following are very ornamental half-hardy annuals and very desirable.

457. **Grandiflora Purpurea**—Large massive foliage, dark purple red flowers. Pkt 5c.

458. **Affinis** (*Sweet-Scented Tobacco Plant*)—Produces an abundance of large pure white flowers which expand fully in the morning and evening, emitting a delicious fragrance. Pkt 10c.



Musa Ensete.



Moonflower, or Evening Glory—Pkt 10c.



Nicotiana Affinis—Pkt 10c.



NASTURTIIUMS

Popular hardy ornamental annuals, originally all creeping plants, but recently some have, by careful hybridizing, been changed into constant dwarf plants producing most brilliant tints of flowers; all of easy culture in good garden soil.

Tall or Climbing Varieties

- 459. **Simmers' Special Mixture**—Variegated. Pkt 5c, oz 10c, 2 oz 20c, ½ lb 30c, 1 lb \$1.00.
- 460. **Tall, Yellow**—Very fine. Pkt 5c, oz 15c.
- 461. **Dark Brown**—Tall. Pkt 5c, oz 15c.
- 462. **Hemipharicum**—Fine, tall, scarlet. Pkt 5c, oz 15c.

One pkt of each of the above tall varieties, 15c.

Lobb's Nasturtiums

- 463. **Lobbi Mutabile**—Tall, with bright scarlet flowers. Pkt 10c.
- 464. **Purpureum Violaceum, Tall**—Purple violet flowers. Pkt 10c.

NEMOPHILA (Love's Grove)—Of neat, compact habit, blooming freely all summer. If thinned to 4 in. apart the plants will present a dense mass.

- 477. **Mixed**—Many rich, bright colors. Pkt 5c.

NIEREMBERGIA

- 478. **Frutescens**—A half-hardy perennial, slender growing plant, perpetually in bloom, flowering the first year if sown early; desirable for the greenhouse, baskets, vases, or bedding out; 1 ft. White, tinted with lilac. Pkt 10c.

Nigella—(See Love-in-a-Mist).

NOLANA 479. Very pretty annual, trailing habit, with Morning Glory-like flowers, well adapted to rock work, 6 inches, hardy annual, mixed colors. Pkt 5c.

OXALIS Delicate half-hardy annual, and perennial, low growing plants with leaves like Shamrock.

- 480. **Mixed**—9 inches high, rosy flowers, annual. Pkt 10c.

- 481. **Tropaeoloides (Corniculata)**—Short trailing annual, leaves distinctly marked brown-purple, yellow flowers. Pkt 10c.

- 482. **Valdiviana**—Perennial, flowering in the first year, bright yellow, sweet-scented. Pkt 10c.

CENOTHERA 483. **Fine Mixed**—("Evening Primroses" or "Sun Drops"). Large, showy flowers, various colors, hardy annual. 1 to 2 ft. Pkt 5c.

PAEONIA 484. **Sinensis** (Chinese Paeonies)—Magnificent hardy perennial, 3 to 4 ft. high, producing large semi-double and double flowers, white, pink and purple shades, fragrant as roses; seed takes about two years before sprouting. Mixed. Pkt 15c.

SIMMERS' SPECIAL MIXTURE Pkt 5 cents.

Hybrids of Madame Gunter

(See Illustration on Cover).

- 465. There have already been produced twenty-two different colors or combination of colors in these new hybrids, including various shades of rose, salmon, bright-red, pale yellow, etc., either self-colored or spotted, mottled, striped and margined. For covering trellises, fences, arbors, piazzas, trailing from vases, over rock work, etc., nothing can equal the gorgeous effect produced by their marvellous quantities of bloom borne in uninterrupted splendor from early summer until cut down by frost. Their ease of culture, the rapidity of growth, luxuriant and dense, to a height of 12 to 15 feet are wonderful. Pkt 10c, oz 25c, 2 oz 40c, ½ lb 75c, 1 lb \$2.50.

Dwarf Varieties

- 466. **Simmers' Special Dwarf Mixture**—Pkt 5c, oz 15c, 2 oz 25c, ½ lb 35c, 1 lb \$1.25.
 - 467. **Cloth of Gold**—Scarlet flowers and golden yellow foliage. Pkt 5c, oz 25c.
 - 468. **Lady Bird**—Orange, yellow and red spots. Pkt 5c, oz 25c.
 - 469. **Ruby King**—Crimson rose, distinct foliage. Pkt 5c, oz 25c.
 - 470. **Empress of India**—Very dwarf, dark tinted foliage, flowers brilliant crimson. Pkt 5c, oz 25c, 2 oz 40c.
 - 471. **King Theodore**—Dwarf, intense dark brown flowers. Pkt 10c, oz 25c.
 - 472. **Dwarf Crimson**—Pkt 5c, oz 25c.
 - 473. **Dwarf Yellow**—Pkt 5c, oz 25c.
 - 474. **King of Tom Thumbs**—Scarlet. Pkt 5c, oz 25c.
 - 475. **Crimson Rose-Colored**—Dwarf. Pkt 5c, oz 25c.
 - 476. **Pearl White**—Cream color, very distinct. Pkt 5c, oz 25c.
- One pkt of each of the dwarf varieties 40c.
Any 6 pkts of the dwarf varieties 25c.

PERILLA Ornamental, half-hardy annual, deep, dark, purplish-red foliage, for border or indoors.

- 485. **Nankinensis**—Leaves deep mulberry or purplish black, 1 foot high. Pkt 5c.

- 486. **Variegata**—With leaves finely variegated and veined. Pkt 10c.

PICOTEE PINKS Well-known plants of great beauty, combining with the most perfect form the richest colors; they have a delicate perfume, and are easily cultivated; 1 foot high, half-hardy perennials.

- 487. **Mixed**—Best double quality. Pkt 25c.
- 488. **Pure White**—Pkt 25c.

PENTSTEMON Very attractive hardy perennial for beds, borders and cut flowers. The flowers are half-pendant, bell-shaped and marked and marbled in beautiful bright shades. They should be planted in a rich, open soil and protected during winter.

- 489. **Finest Hybrids**—A splendid mixture. 10c.

POLEMONIUM Ornamental hardy perennials, with beautiful sky-blue flowers in bunches.

- 490. **Ceruleum**—2 ft. high. Pkt 5c.
- 491. **Pulchellum**—1 ft. high. Pkt 5c.

PLATYCODON Hardy perennials, producing very showy flowers during the whole season. They form large clumps and are excellent for planting among shrubbery.

- 492. **Mixed**—Blue and white. Pkt 10c.

Palma Christi (See Castor Oil Bean).

PASSION FLOWER

Splendid greenhouse or parlor climbers; some also for outdoors with curiously shaped flowers, the appendages of which are supposed to represent the passion of Jesus.

- 493. **Coeurulea**—For greenhouse or parlor, flowers light blue. Pkt 10c.

- 494. **Macrantha**—For greenhouse or parlor; glossy leaves, large, deep rosy pink flowers. Pkt 20c.

- 495. **Incarnata** (Southern "May Pops")—Blossoms the first season from seed. Flowers 2 or 3 in. across, flesh white with purple rays, followed by yellow edible fruits. Pkt 10c.

PODOLEPIS Half-hardy everlasting annuals, free flowering, fine for borders.

- 496. **Chrysanth**—1 ft., golden yellow. Pkt 5c.
- 497. **Superba**—Dark red. Pkt 5c.

POLYANTHUS One of our earliest flowering, popular, hardy perennials, of low growth, particularly suited for edging borders; flowers in an astonishing and great variety of colors, in form of Auriculas.

- 498. **Goldlaced, Mixed**—The flowers have a clear, even margin or lacing of gold on a ground color, similarly well defined; extra choice, mixed. Pkt 20c.

POLYGONUM 499. **Oriente**—A hardy, graceful, showy annual, 5 feet high; fit for shrubberies or the centre of borders; rosy crimson, drooping flowerets; fine, light green, heart-shaped foliage. Pkt 5c.

SIMMERS' GIANT PANSIES

The term "**Giant Pansies**" does not adequately describe these new strains, for, aside from the enormous size which gives them their name, their colorings are simply superb, and their form and substance perfect. The parent of most of these strains, the Trimardeau, when first introduced had only size to recommend it, the flowers being limited in coloring, irregular in shape and lacking in firmness. By continued improvement one beautiful color after another has been added to the list, and perfected from season to season by careful culture. Through personal inspection of the best European Pansy Cultures, we have again secured the cream of varieties from all quarters, combining with their giant proportions the most magnificent colorings.

- | | |
|---|--------|
| 500. Giant Cassier —A mixture of well shaped flowers of gigantic dimensions, in choice variety, flowers marked with large blotches | Pkt 10 |
| 501. Giant Auricula Colors —Very beautiful shadings | 10 |
| 502. Giant Emperor William —Rich ultramarine blue, purple velvet eye | 10 |
| 503. Giant Adonis —Beautiful, light blue, marked with a yellowish-white face and large dark blotches | 10 |
| 504. Giant Dark Blue | 10 |
| 505. Giant Fire King —Brilliant red and yellow | 10 |
| 506. Giant Violet Blue | 10 |
| 507. Giant Canary Bird —The ground color is a bright golden yellow, each petal marked with a large dark blotch | 10 |
| 508. Giant Striped —A beautiful mixture, flowers striped and mottled in various tints on contrasting grounds | 15 |
| 509. Giant Yellow or Golden Queen —Very showy color | 10 |
| 510. Giant Purple —Royal purple flowers, very large | 10 |
| 511. Giant Coal Black —Of immense size | 10 |
- | | |
|--|--------|
| 512. Simmers' Giant White "Snow Queen" —Most valuable addition as it reproduces exactly from seed, we very strongly recommend it not only for bouquets, but as a very valuable addition to the Pansy Family. White, velvet centre | Pkt 10 |
| 513. Giant Beaconsfield —Purple shading to white. This strain, combined with the peculiar coloring of the type, will elicit general admiration | 10 |
| 514. Giant Copper Color —A most distinct and showy combination | 10 |
| 515. Giant Trimardeau —Flowers large, with a dark blotch on the three lower petals. We recommend this as the best low-priced mixture of Giant Pansies. $\frac{1}{2}$ oz 50c | 10 |

SIMMERS' GIANT PANSY MIXTURE

516. **THIS** variety embraces, besides all the shades and colors, two special strains not listed elsewhere in this catalogue, and which can only be had in this, our Giant Pansy Mixture. This mixture includes the richest reds, coppers and bronzes together with the most delicate rose and pink shadings, all the distinct colors of Trimardeau, the splendid Cassier strain, with its delicate veining. We have secured the newest, richest and finest sorts. $\frac{1}{2}$ oz \$1.25, pkt 15c, 2 for 25c.

GIANT PARIS MARKET

517. The flowers of this strain are as large as one Trimardeau and far superior in color and in substance of petals; the blotches are more conspicuous. Having a stout and stiff flower stem, the flowers last longer. Pkt 10c, 3 for 25c.

GIANT BUGNOT

518. The flowers are of enormous size, perfectly round, of great substance and of the most varied and attractive markings and colors. Each petal bears a blotch veined to the edge; contains shades of red, bronze and reddish brown, not found in any other Pansy mixture. Pkt 20c.

MAMMOTH "BUTTERFLY" PANSIES

A very distinct strain, which, after repeated trials, we have found worthy. The flowers are very large, of good form and substance and produce freely. In coloring they are varied, seldom two alike in a hundred plants. They are mottled and spotted, streaked, tigered and splashed, while the colors are mainly those rich wine reds, chocolate, velvety red-brown, lavender, violet, and purple shades, only found in a Pansy blossom. We offer a selection made by us this summer from the original introducer's strain.

519. **Mixed Colors** Pkt 25

Simmers' Collection of Giant Pansies

One pkt each of Giant White, Giant Cassier, Giant Bugnot, Giant Yellow, Giant Striped, Giant Violet Blue, and Giant Copper Color, for

60c



Types of Our Giant Striped Pansies and Giant Pansy Mixture
Each per pkt 15c, or the two for 25c.

PREMIUM PANSIES

While the Giant-flowered Pansies are great favorites on account of the immense size of their flowers, **Simmers' Premium Pansies** excel in their endless variety of color, combined with perfection of form and velvety texture and substance of their petals. This strain, most celebrated all over Europe, is from a specialist who has devoted his life to the improvement of these flowers. No better strain of Pansies is to be had. It is impossible to describe them, as they embrace all colors and markings.

- | | | | | | |
|--|--------|---|----|--|--------|
| 520. Simmers' Extra Improved Large-flowering Premium Mixture —Embracing all varieties named in the following list, and many other shades and colors, 1-8 oz 50c | Pkt 10 | 526. Dark Maroon —Golden margined | 10 | 532. Peacock —A very free blooming and attractive Pansy, flowering early, remaining in perfection a long time. Flowers very large with brilliant and novel coloring. The upper petals are royal purple, shot with peacock blue, lower petals also of these colors; this color has never been seen before in Pansies. The two lateral petals are rich maroon, all being encircled with a delicate tint of terra cotta rose | Pkt 10 |
| 521. Golden Margined | 10 | 527. Velvety Crimson —Golden yellow ground and margin | 10 | | |
| 522. Velvety Crimson Purple | 10 | 528. Reddish Brown | 10 | | |
| 523. Bronze Colored | 10 | 529. Pure Yellow —Fine for bedding | 10 | | |
| 524. White Margined —Purplish-crimson | 10 | 530. Cardinal Red | 10 | | |
| 525. Quadricolor or Pheasant's Eye —Flowers are of a reddish steel blue, with red and white edge | 10 | 531. Odier (Five Blotched Flowering) —A magnificent French variety, petals having a large blotch, clearly defined margin; colors in many different variations, extra large | 10 | | |

SIMMERS' PREMIUM PANSIES

Collection of 12 separate beautiful sorts \$1.00. Collection of 6 separate beautiful sorts, 50c. Any three, 25c.

PETUNIAS

Our Strains of Double and Single Petunias are the best obtainable

Of late years the single striped, mottled and double varieties have been greatly improved. The strains we offer we can safely say without contradiction, are the best that can be produced either in this country or in Europe.



Simmers' Perfection Extra Large Flowering Fringed Petunia—Pkt 25c.

539. **Blue, Large Flowering** (Hybrida Grandiflora Cœrulea)—Large flowers, rose..... 10

DOUBLE FLOWERING PETUNIAS

540. **Simmers' Extra Double Large Flowering Fringed, Mixed**—Our new selected types have deeper and finer fringe, brighter and more delicate colorings, of purer tones and greater variety than ever before offered. It is well known that the Double

533. **Simmers' Extra Mottled Strain**—Large flowering, $\frac{1}{2}$ oz 30c, pkt 10c

534. **Simmers' Perfection, Extra Large Flowering Fringed Mixed**—A very highly developed strain, which is very deeply ruffled, and the ruffles in turn exquisitely fringed. The flowers of this strain are very lasting, and increase in beauty until they droop..... 25

535. **Large Flowering Fringed Mixed**—Of fine bushy habit and blossoms of varied colors, striped, mottled, blotched and self colors..... 15

536. **Large Flowering Emperor**—Very large, wide open blossoms, with coloring and markings very distinct from any other strain. The solid colors are particularly rich and velvety. Some of the crimson blossoms have pink stars, some pure white stars, others are distinctly striped. Pkt 15c, 2 pkts 25c.

537. **Inimitable**—Red, margined and blotched white..... 15

538. **White Large Flowering**—Extra choice, large flowering, white, useful for cemetery work..... 10



Simmers' Double Large Flowering Fringed Petunia—Pkt 50c.

Petunia, grown from seed produces but a small percentage of double flowers. The balance in single flowers of the same rich shade. The weaker seedlings should be carefully selected, as these always produce double flowers..... 50

541. **Double Petunia, "Snowball"**—New double white..... 50
542. **Double Mixed**—Seed from double flowers grown in pots..... 25

SIMMERS' PHLOX DRUMMONDII

IMPROVED LARGE FLOWERING VARIETIES

The various varieties of this flower are noted for extreme richness of color, profuseness of blossom, and length of duration of bloom. It is one of our finest annuals, and whether in clumps or masses looks equally beautiful. Hardy annual; $1\frac{1}{2}$ feet.

543. **Grandiflora**—This strain of mixed, large-flowering Phlox is noteworthy for variety and brilliancy of colors. Not only is our strain notable for variety and brilliancy of colors, but also for the perfection and size of the flowers—many of the single flowers are so large they will very nearly cover a fifty cent piece. When our customers see the brilliancy and pleasing variety of colors produced from this seed they will thank us for recommending a liberal planting. Finest mixture; $\frac{1}{2}$ oz 30c, pkt 5c.

544. **Discoidalis Grandiflora**—Larger and more numerous flowers..... 10
545. **Delicata**—Delicate rose, white centre..... 10
546. **Atropurpurea Striata**—Purple stripe..... 10
547. **Black Warrior**—Dark red, nearly black..... 10
548. **Coccinea**—Bright scarlet..... 10
549. **Princess Royal**—Light purple with white streaks, very brilliant..... 10
550. **Isabel**—Nankin Yellow..... 10

551. **Leopoldi**—Bright rose with white eyes..... 10
552. **Washington**—Violet purple, with blackish brown and white throat, beautiful..... 10
553. **Quadricolor**—Purple throat, violet eye, with a white and reddish lilac ring..... 10
554. **Crown Prince**—Deep chamois rose, extra brilliant color..... 10
555. **Radowitzii**—Rosy red, striped white..... 10
556. **Rosea**—Deep rose..... 10
557. **White**—Large flowering..... 10
558. **William I.**—Bright crimson with stripes..... 10
559. **STAR-SHAPED PHLOX**—"Star of Quedlinburg." Flowers of regular star-like form. Plant of compact habit, large umbels of flowers; novel and beautiful; mixed colors..... 10
560. **FRINGED PHLOX "FIMBRIATA"**—A distinct variety; resembles the ordinary Phlox Drummondii; flowers bordered white, which with bright eyed centre, picturesquely contrast with the magnificent velvety colors; more than 25 distinct colors..... 10
561. **Double White**—A profuse bloomer..... 10
562. **Double Scarlet**—With semi-double and double flowers; the trusses and individual flowers are equal in size to those of the dwarf compact varieties..... 10
563. **Dwarf Scarlet**—Intense scarlet..... 10



Phlox Drummondii, Large Flowering
Pkt 5c.

564. **Dwarf White**—A dwarf-growing variety of Phlox, remarkable for its incomparable profusion of flowers of a satiny white color..... 10
565. **Perennial, Dwarf Mixture Decussata**—Fine mixture..... 10
COLLECTION—12 colors, annual Phlox..... 50
" 6 colors, annual Phlox..... 30



Double Portulaca

PORTULACA

One of the finest hardy annual plants, of easy culture. The flowers are of the richest shades of color, and produced throughout the summer in great profusion; fine for massing in beds, edging or rock work; 6 inches.

566. **Splendens**—Single flowering, brilliant colors..... 5
567. **Double Flowering**—Choice mixed..... 10
Collection of six distinct and brilliant colors..... 30

POPPIES

Double Annual Varieties

573. **The Mikado**—American flag—The petals are whole at the base, while the edges are frilled in the most pleasing manner. The flowers are of a pure white at the back, while the fringed edges are of a brilliant scarlet. Pkt 10c.
574. **Double French or Carnation Flowered**—3 feet high, double. Per pkt 5c, oz 25c.
575. **Pæony Flowered**—Flowers in colors and size equal to Pæonies. Pkt 5c, oz 25c.
576. **White Swan, Fairy Blush**—The plants are about eighteen inches high, grow in a very pretty bush form, crowned with flowers of enormous size, perfect form, very double and of the purest snow-white. Per pkt 10c, 3 pkts for 25c.



Shirley Poppy—Pkt 10c.

POPPIES

Most popular hardy annuals and perennials, with flowers of unusual brilliancy of color.

COLLECTION—Twelve varieties, double and single, 30c.

Single Annual Varieties

568. **Tulip**—A magnificent species, the plants grow about 14 inches high and produce from 50 to 60 large and splendid flowers, of the most dazzling scarlet. Per pkt 10c.
569. **Persian (Papaver Lœvigatum)**—Color brilliant scarlet with shining black spots surrounded by a clearly defined white margin at the base of each petal. The two outside petals are double the size of two inside petals, so that each pair forms a separate cup; height 2½ ft. Per pkt 10c, 3 for 25c.
570. **Peacock**—The most striking feature of the flower is the conspicuous glossy zone which marks the petals, forming a complete ring. Per pkt 5c.
571. **"Danebrog" or Maltese Cross**—The flowers are of a dazzling scarlet color, each of the four petals is marked with a large silvery white blotch, forming a white cross upon scarlet ground, similar to the Danish and Swiss national banner. Per pkt 10c.
572. **Shirley Poppies**—These charming Poppies are generally single or semi-double. They range in color from pure white through the most delicate shades of pale pink, rose and carmine to the deepest crimson. Per pkt 10c.

Hardy Perennial Varieties

579. **The Great White California Poppy (Romneya Coulteri)**—This fine perennial is of stately beauty as an outdoor plant; flowering from July until November. Flowers are large—4 to 5 inches across—pure white with a fine bunch of yellow stamens. The plants attain a height of 6 to 8 feet, and are really magnificent. Per pkt 10c.
580. **Iceland (Papaver nudicaule)**—These beautiful perennial Poppies produce flowers in great abundance the first year from seed. The colors range from the purest white and yellow to the deepest glowing orange scarlet, and have a delicious fragrance. Mixed colors. Per pkt 10c.
581. **Papaver Orientale (Oriental Poppy)**—The prevailing color is the brightest scarlet imaginable, but they vary somewhat in shades, some being orange-scarlet, while others approach to crimson. The flowers are of very great dimensions, often measuring 6 inches across and endure the longest of any Poppy we know. They are hardy perennials and will increase in size and profusion of bloom with age. Pkt 10c.
582. **Croceum**—Yellow flowers. Per pkt 5c.



Chinese Primrose—Pkt 25c.

CHINESE PRIMROSE

(PRIMULA). For parlor culture as well as for the greenhouse, no plant is more acceptable than this class, as it can be made to yield an abundance of flowers all the year round. We procure every year the choicest varieties from one of the best and most celebrated growers in Europe.

583. **CHINESE PRIMROSE MIXED**—The culture of these lovely flowers is much easier than most people think. Our mixture includes only the choicest colors of the single flowering Primulas in all their dainty shades. Pkt 25c.
584. **Erecta Superba**—White fringed, in bunches borne well among the foliage. Per pkt 25c.
585. **Kermesina Splendens, Single**—Deep pink, fringed flowering. Per pkt 25c.
586. **Snow Queen**—A distinct and beautiful variety of Primrose with the finest pure white flowers of large size, thrown well above the foliage. The flowers are of good substance and elegant form. Pkt 50c.
587. **Carter's Holborn Blue**—A distinct variety, with azure-blue flowers borne above the foliage. Per pkt 25c.
588. **Fern-Leaved (Macrophylla Fimbriata)**—With long massive fern-like foliage and beautiful flowers of great substance and elegant form, finely fringed, great variety of colors, mixed. Per pkt 25c.
589. **Punctata Elegantissima**—Crimson, spotted white. Per pkt 25c.
590. **WILLIAMS' PRIZE**—Dark red, large fringed flowering; extra fine for pots. Per pkt 25c.
591. **Chiswick Perfection Red Magenta Queen**—Large brilliant scarlet. Per pkt 25c.
592. **Alba Magnifica**—The finest pure white variety grown; flowers 2½ inches across with large yellow eye. Per pkt 25c.
593. **Erecta Superba, double White**—Double flowering variety of No. 584; reproduces well from seed. Per pkt 50c.
594. **Double Mixed** varieties. Per pkt 50c.

PRIMULA

The popular garden Primrose is one of our earliest flowering hardy perennials, well suited for edging, and in a great variety of colors.



Tulip Poppy—Pkt 10c.

595. **Vulgaris**—The old-fashioned common yellow primrose. Per pkt 10c.
596. **Japonica (Japanese Primrose)**—Of robust growth, rich magenta flowers. Per pkt 10c.
597. **Cortusoides (Siberian) Primrose**—An early rose-purple flowering hardy perennial. Per pkt 10c.
598. **Obconica Grandiflora**, new large flowering *Ever-blooming Primrose*—One of the most useful plants grown, if sown early in spring will begin to bloom in May or June, flower throughout the year, flowers soft lilac shade. Per pkt 10c.
599. **Floribunda**—One of the prettiest and best Primroses, same general character as P. Obconica, only a lovely shade of primrose yellow. Fragrant, free blooming. Per pkt 10c.



Primula Obconica Grandiflora

**Dwarf Polyantha or Fairy Rose.** Pkt 10c.**ROSES**

600. **Dwarf Polyantha or Fairy Rose**—Roses from seed the first year, so that seed sown in February in the house may be had in bloom in June in the open ground, where they continue to bloom throughout the season. The plants are dwarf and bushy, growing only about 1 foot high and very pretty for solid beds and borders. Pkt 10c, 3 for 25c.

601. **Mixed Hybrids**—The seed we offer is from the best mixture of hybrid perpetual and moss roses, will flower the second year. Pkt 10c.

**Pyrethrum or Golden Feather.** Pkt 10c.**PYRETHRUM (Feverfew)**

Ornamental, hardy, low-growing perennial of easy culture.

602. **Carneum, fl. pl.**—Large double bright crimson flowers. Per pkt 10c.

603. **Roseum**—Flowers bright rose. Per pkt 10c.

YELLOW FOLIAGE SORTS FOR BEDDING

604. **Parthenifolium Aureum**—Golden yellow-leaved dwarf, bedding plant known as **Golden Feather**. Per pkt 10c.

605. **GOLDEN GEM**—The double flowering variety of the preceding. Per pkt 10c.

606. **Selaginoides**—A beautiful variety, handsome fern-like foliage. Per pkt 10c.

RHODANTHE

One of the neatest of the genus of Everlasting flowering half hardy annuals known, of low growth in different shades of bright pink and white, with yellow disc.

607. **Maculata**—1 foot, deep carmine. Pkt 10c.

608. **Alba**—Pure white. Pkt 10c.

609. **Atrosanguinea**—Dwarf, purplish crimson. Pkt 10c.

RUDBECKIA (Texas Cone Flower)

610. **Rudbeckia Bicolor**—A hardy annual of compact branching growth, producing flowers about 3 in. in diameter, of a bright yellow, red and blackish purple disc; height of plant about 1½ feet. Pkt 10c.

SALPIGLOSSIS (Painted Tube Tongue)

The large flowering Salpiglossis is one of the most beautiful of flowering annuals; the flowers are large, of many beautiful colors, and exquisitely veined and laced. 1½ ft. high.

611. **Mixed**—Large flowering. Pkt 10c.

612. **Emperor**—A new type of this gloriously beautiful garden annual, growing in upright columnar form, having only one strong main stem, about 30 inches high, which is well furnished with large Petunia-shaped flowers, 3 to 4 inches across, of various colors, all of which are intricately netted and veined with golden yellow. Mixed colors 10c.

SEDUM (Stone Crop)

613. **Mixed**—Pretty little plants, growing freely on rock or rustic work, also on ornamental mounds, where they flower in great profusion; hardy annuals. Pkt 10c.

SALVIA (Flowering Sage)

Magnificent half hardy annual, biennial or perennial; some also greenhouse or indoor plants; remarkable for their showy numerous flowers.

614. **Salvia Splendens (Large Flowering Scarlet Sage)**—One of the most gorgeous of annuals, blooming throughout the summer and fall. The plants grow from 1½ to 3 feet in height and form dense bushes, completely covered with showy sprays of most dazzling scarlet flowers. Pkt 10c.

615. **Salvia, Clara Bedman (Bonfire)**—The plants form handsome globular bushes about 2 ft. high by 2 ft. in diameter. The spikes grow erect and stand clear above the foliage, completely covering the plant, and are of the most brilliant dazzling scarlet. Pkt 10c, 3 pkts 25c.

616. **Coccinea**—1 ft. high, scarlet flowers, annual. Pkt 10c.

617. **Farinacea**—3 ft., showing long spikes of blue flowers, annual. Pkt 15c.

618. **Patens**—2 ft. high, biennial, in flowers of purest sky-blue, imaginable. Pkt 10c.

619. **Dwarf Salvia or "Burning Bush"**—A splendid sort, blooming about two months before the old variety and lasting until late in the fall. The plants are dwarfier and more compact in habit, while the flowers are of the brightest scarlet. Pkt 10c.

620. **Argentea**—2 feet high, silver leaves, blue flowers, beautiful perennial. Pkt 10c.

SAPONARIA (Bouncing Bet)

Hardy free-flowering annual or perennial plants of easy culture and different growth, the most of them being of trailing habits and suitable for edging work or small beds.

621. **Mixed**—All colors, 6 in. Pkt 10c.

SANVITALIA

622. **Procumbens fl. pl.**—Beautiful trailing annual, well adapted from its compact growth for covering beds in the flower garden; the double flowers are large in proportion to the plant; of rich brown and yellow. Pkt 10c.

SAXIFRAGA

623. **Huetti**—Hardy perennials of trailing habit; for shady places, rockeries or hanging baskets, unequalled; flowering abundantly and constantly. Dwarf, white flowers. Pkt 10c.

**Sweet Scabious or Mourning Bride.** Pkt 5c.**SCABIOSA**

(Mourning Bride or Sweet Scabious).

The Mourning Bride or "Sweet Scabious" of our old gardens, but much improved in size, color and doubleness. They are very free bloomers, the colors white, carmine, lilac, maroon, etc.; excellent for bouquets.

624. **Tall Double Mixed**—All colors mixed. 5c.

625. **Dwarf mixed**—All colors, 1 ft. high; large flowers and robust in growth. Pkt 10c.

626. **Nana Striata fl. pl.**—Dwarf carnation-striped, double flowers. Pkt 5c.

627. **SNOWBALL**—The flowers of this pretty Scabiosa are large, measuring fully 2 in. in diameter, of purest snow white, very double. The stems are very stiff and strong, and the foliage a luxuriant green. If plants are potted in the fall they will furnish pure white flowers until Christmas. Pkt 10c, 3 for 25c.

628. **Golden Yellow**—This color has long been desired in the Scabiosa family, and is now obtained, after years of selection. The flowers are double, and of a pure yellow color. Pkt 20c.

629. **Caucasica**—One of the handsomest of hardy perennials, especially valuable for cutting, the blooms lasting a long time in water; lilac blue, 3 ft. Pkt 10c.

630. **SCARLET RUNNERS**—Pkt 5c.

SCHIZANTHUS (Butterfly Flower)

Few plants are more attractive than these when well grown, whether in pots or in the border; they are of a branching elegant habit, well covered with peculiar shaped flowers, hardy annual.

631. **Fine Mixed**—2 ft. high, flowers orange and carmine shaded, spotted with yellow, resembling a small butterfly. Pkt 10c.

**Salvia, Clara Bedman (Bonfire)****SEA LAVENDER (Everlasting Statice)**

632. **Statice Bonduelli**—1 ft. bright, yellow. 10c.

633. **Alba**—White variety of the preceding. 10c.

634. **Incana**—Hardy perennial, sky-blue flowers. Pkt 5c.

SENECIO (Jacobaea)

635. **Elegans**—Double mixed. Valuable hardy annuals, compact, bushy in growth, 1 ft. high, adapted for bedding or indoor culture, producing multitudes of tassel-shaped small flowers. Pkt 5c.

SENSITIVE PLANT (Touch Me Not)

A tender annual, half trailing, 1 ft. high, with very curious leaves; very curious and interesting plants, the leaves closing if touched or shaken; of very easy culture, succeeding in any soil.

636. **Mimosa Pudica**—Pkt 5c.

SILENE

Elegant, dwarf, bushy annuals, bearing a profusion of bright, attractive flowers through spring and summer; admirable for beds, margins, rock-work.

637. **Pendula Ruberrima**—Carmine rose flowers. Pkt 5c.

638. **Ruberrima, fl. pl.**—Double flowering variety of the preceding. Pkt 10c.

SMILAX

A splendid perennial, greenhouse or parlor climber.

639. **Medeola Asparagoides**—Pkt 10c, oz 50c. SNAPDRAGON—(See Antirrhinum)

SOLANUM

Very elegant, highly ornamental, interesting genus of fruit-bearing plants.

640. **Marginatum**—3 ft. high, leaves white-edged and veined. Pkt 15c.

641. **Capicastrum, Little Gem or Jerusalem Cherry**—2 feet high, scarlet berries, like cherries, beautiful for parlor. Pkt 10c.

STEVIA

642. **Serrata White**—For pot culture or the border, half-hardy perennial. Pkt 10c.

SWEET WILLIAM (See Dianthus)**Salpiglossis, Large Flowering.** Pkt 10c.

SIMMERS' LARGE-... FLOWERING SWEET PEAS

An ounce of Sweet Peas contains about 300 seeds, enough to sow a single row 25 feet long. Our packets of all (excepting the Novelties) are liberal, containing about 75 seeds, enough to sow a single row 6 feet long.

OUR MIXTURES

643. **SIMMERS' GIANT "GILT EDGE" MIXTURE**—This mixture of Sweet Peas, as improved for 1900, is undoubtedly the finest we have ever offered. It contains only grand new named varieties of the large flowering type, the seed of which has been grown separately from selected stock, and only the largest-flowered, most beautiful new Sweet Peas have been selected and mixed by ourselves. We have maintained a similar high standard throughout, and can assure all lovers of Sweet Peas that never before has it been possible to obtain "only the best" and all the best of the new large-flowering Sweet Peas as in this unequalled mixture. Per pkt 10c, oz 15c, 2 oz 25c, 1 lb 35c, per lb \$1.00.

644. **ECKFORD'S MIXTURE**—This is grown from stock seed which was made up from named sorts and contains over thirty varieties, including some novelties and all the choice varieties. By mail, postpaid, pkt 5c, oz 10c, 1 lb 15c, lb 50c. Price, by express, 10 lbs \$4.00, 5 lbs \$2.25.

645. **FINEST MIXED**—This strain, although not embracing the new seedlings, contains a beautiful assortment. Per pkt 5c, oz 10c, 1 lb 15c, lb 40c.

646. **Mixed**—Pkt 5c, 1 lb 10c, lb 30c.

New Dwarf, or Cupid, Sweet Peas

647. **White Cupid**—Dwarf white. Pkt 5c, oz 15c.
 648. **Pink Cupid**—Color pink and white. Pkt 5c, oz 15c.
 649. **Beauty Cupid**—Decided rose color. Pkt 10c, oz 25c.
 650. **Alice Eckford Cupid**—Rich cream tinted standards, white wings. Pkt 10c, oz 25c.
 651. **Primrose Cupid**—Creamy tint, identical with the tall variety of same name. Pkt 10c, oz 25c.

SPECIAL OFFER of the 5 Cupids. 1 pkt each of the above for 30c.



Cupid Sweet Pea

Blue

652. **Captain of the Blues**—Dark blue, netted with purple.

Purple and Maroon

653. **Shahzada**—Purplish maroon, wings indigo.
 654. **Stanley**—Rich, dark maroon.
 655. **Waverley**—Standard rosy-claret, wings light blue.
 656. **Captivation**—Rosy-purple self, finely expanded, shell-shaped standard.

Striped

657. **Coronet**—Orange-rose striped on white ground.
 658. **America**—Cardinal stripe on white ground.
 659. **Mrs. Jos. Chamberlain**—Rose, pink and white striped.
 660. **Princess of Wales**—Standards striped white and blue, wings heliotrope and white, striped.

White

661. **BLANCHE BURPEE**—Pure white, of exquisite form and immense size.
 662. **Emily Henderson**—Purest white, one of the best.
 663. **Mrs. Sankey** (black seeded white)—Large, bold flower, pure white, faintly flushed.

Pink and White

664. **Lottie Hutchins**—Daintily flaked with pink on a cream ground.
 665. **Columbia**—Crimson rose and pale bluish mauve on white ground.
 666. **Extra Early Blanche Ferry**—Beautiful pink and white, very fragrant.
 667. **Ramona**—Creamy white, daintily splashed with pale pink.
 668. **Crown Jewel**—Pale standard, tinted and veined with violet-rose.
 669. **Countess of Aberdeen**—White, margined with pale pink.

Soft Pink

670. **Modesty**—Most delicate pink.
 671. **Princess Beatrice**—Warm blush pink.
 672. **California**—Most delicate pink.
 673. **Countess of Shrewsbury**—Rose standard, white wings.
 674. **Alice Eckford**—Rich cream-tinted cerise standards, white wings.
 675. **Prima Donna**—Lovely shade of soft pink, frequently bears four flowers on a stem.
 676. **Lovely**—Soft shell pink.

Scarlet

677. **Firefly**—A bold expanded flower, color intensely brilliant scarlet.
 678. **Mars**—Intense crimson-scarlet of the largest grandiflora form.

Deep Pink and Rose

679. **Countess of Powis**—Standards bright rose-orange, wings clear rose.
 680. **Prince Edward of York**—Cherry rose.
 681. **Oriental**—Of a "rich orange cast."
 682. **Triumph**—Standards bright pink, lightly suffused with scarlet orange; wings pale rose.
 683. **Royal Rose**—Deep rosy pink.
 684. **Emily Lynch**—Rosy pink, suffused primrose.
 685. **Oddity**—Pale carmine edged with bright rose.
 686. **Lady Penzance**—Standards orange pink, wings deep pure pink.
 687. **Red Riding Hood**—The standard and wings are a rosy pink, shading to blush white at the calyx.

Crimson

688. **Daybreak**—Watered crimson, scarlet on white ground.
 689. **Salopian**—Best of the deep crimsons.

Yellow or Primrose

690. **Golden Gleam**—Cream of the yellows.
 691. **Stella Morse**—The blossom opens with quite a suggestion of yellow—a most fascinating shade of deep cream, which becomes a little lighter as the flower grows older. About the third day it is a delicate primrose with a faint rose-pink on the edge.
 692. **Queen Victoria**—Cream, faintly suffused purple.
 693. **Coquette**—Primrose-yellow, shaded pale lavender.
 694. **Mrs. Eckford**—Beautifully shaded primrose-yellow.



Sweet Pea Flower

White and Lavender

695. **Maid of Honor, or Improved Butterfly**—White ground, shaded and edged light blue.
 696. **Captain Clark**—White and lavender streaked carmine.
 697. **Juanita, or Striped Celestial**—Pure white, delicately lined and striped with pale lavender.
 698. **Lottie Eckford**—Lavender shaded pink and white.

Heliotrope and Lavender

699. **New Countess, or Improved Countess of Radnor**—Pure light lavender.
 700. **Countess of Radnor**—Delicate lavender and mauve, lovely variety.
 701. **Lady Nina Balfour**—Mauve, suffused with heliotrope pink.

Prices except where noted:

Pkt 5c, oz 10c, 1-4 lb 25c.

Customers' selection of any seven 5 cent packages for 25c.

Any twelve packages for 40c.

DOUBLE SWEET PEAS

It has been a difficult task by hybridization and selection to change the habit of the Sweet Pea to the double form, and much remains to be done; but each year finds us nearer. The result at best is really semi-double flowers. The best mixtures we have will not produce more than half doubles, the others remaining of the usual single type.

702. **Mixed Double Sweet Peas**—A mixture of 11 named varieties. Pkt 5c, oz 10c.

PERENNIAL VARIETIES

Showy free-flowering plants for covering old stumps, fences, etc.; 5 feet.

703. **Lathyrus Latifolius**—The old favorite red variety. Per pkt 10c.

704. **Albus**—Large clusters pure white; grand, hardy low climber. Per pkt 10c.

NOVELTIES OF 1899

705. **Prince of Wales**—A bright rose self and fine form.

706. **Lady Mary Currie**—Deep orange-pink, delicately shaded rosy-lilac.

707. **Chancellor**—Standards bright orange, wings bright orange pink a shade lighter.

708. **Duchess of Sutherland**—Pearl-white delicately suffused with light pink.

709. **Colonist**—Of the most beautiful soft lilac, overlaid with brightest rose.

710. **Duke of Sutherland**—Deep claret standard; the wings deep indigo-blue.

711. **Black Knight**—A deep maroon self, clear and shining.

Price of any of the above, pkt 10c, 3 for 25c.

SPECIAL OFFER. We will give one pkt each of the above 7 novelties for 50c.



Stocks "Cut and Come Again"—Pkt 10c.

STOCKS Gilly Flower

These old-fashioned flowers are much liked for their peculiarly pleasant perfume and bright colors. For early flowering, sow in the house in February or March, and plant in the open ground in May, when danger of frost is over. Nine to eighteen inches high, half-hardy annual.

- | | |
|---|--------|
| 712. Large Double German Ten Weeks—Mixed..... | Pkt 10 |
| 713. Crimson..... | 10 |
| 714. Light Blue..... | 10 |
| 715. Purple..... | 10 |
| 716. Pure White..... | 10 |
| 717. Bright Pink..... | 10 |
| 718. Improved Ten-Week "Snowflake"—The earliest white Ten-Week Stock in cultivation, resembling in habit the Dwarf Pyramidal race. It produces a vigorous main spike of extremely large and double snow-white flowers, which very effectively contrast with the glossy, dark green leaves..... | 10 |
| 719. "Cut and Come Again," also called Princess Alice—Produces from spring to late in the fall, pure white beautifully shaped double flowers. It throws out numbers of side branches, each of which bears a cluster of blossoms, and the more they are cut the better they seem to like it. It makes a splendid Stock for cutting and is quite fragrant; succeeds equally well in pots..... | 10 |
| 720. East Lothian—Pure white, invaluable for florists..... | 10 |
| 721. Dwarf, Brilliant Deep Blood Red (Victoria)—Each plant forms in itself a naturally grown bouquet of a beautiful pyramidal shape, the lateral branches being symmetrically arranged around the main stem, which is slightly raised in the centre..... | 10 |
| 722. Shrubby, or Cockade Double—Winter flowering, bright red..... | 10 |
| 723. Giant Emperor, or Perpetual—These make very bushy and branching plants, with an abundance of flower. Sow in July or August, and they will bloom in winter. Many colors in the finest mixture..... | 10 |
| 724. Giant Emperor White—For florists' use, very fine..... | 10 |
| 725. Brompton—Half-hardy biennial bushy plants, producing a beautiful display of double flowers, mixed colors, 2 ft. high..... | 10 |

COLLECTION OF STOCKS

- | | |
|---|----|
| Large, pyramidal Double Ten Weeks—12 colors..... | 50 |
| Large Flowered, Pyramidal Double—6 distinct colors..... | 30 |
| East Lothian, Double, Large Flowered—Six distinct colors..... | 30 |
| Giant Emperor, Double—Winter flowering, six very fine colors..... | 40 |

Swainsonia Grandiflora Alba

726. Is becoming a very popular plant for house culture. Foliage as graceful as an Acacia; flowers pure white, produced in sprays of 12 to 20 flowers each, and resembling Sweet Peas. It is of the easiest culture and ever-blooming. It climbs readily and is splendid for the window garden, or it may be grown as a bush plant by trimming it back as it grows; tender perennial, 1 to 4 feet.....

Thunbergia

727. Alata—A half-hardy, low climbing annual, flowers somewhat of the shape of Morning Glory, bright yellow or deep buff, with a large black centre. Mixed, all colors.....

Tagetes Signata Pumila

728. Charming dwarf garden annual, flowering in greatest profusion throughout summer and autumn; color bright yellow; very effective for low beds, 1 foot.....

Tunica

729. Saxafraga—Very neat dwarf trailing, hardy perennial, covered with pretty white flowers, good for edging or rockeries.....

Torenia

For hanging baskets or culture in pots it is unsurpassed, and in summer its brilliancy adds a pleasing variety to outdoor decorations, tender annual.

- | | |
|---|--------|
| 730. Fournleri, or Edentula—Sky-blue flowers, indigo blue spots, yellow throat, free bloomer..... | Pkt 20 |
| 731. Bailloni—Golden yellow with dark throat, distinct and beautiful..... | 10 |
| 732. "White Wings"—Attractive, pure white, flushed rose at throat..... | 25 |

VERBENA

Seed sown in January or February will bloom abundantly during the summer and autumn of the same year. The plants are more robust in growth and produce more flowers than those propagated from cuttings. Hence the labor and cost of the old method of obtaining a supply of Verbenas may be avoided. The following varieties have been saved with great care, and may be relied on to produce flowers almost entirely true to their respective kinds.

733. Grandiflora Mammoth Strain

—This distinct and superb class of Verbenas is a remarkable improvement on the older varieties. It produces flowers of an enormous size, the florets being fully one inch in diameter, with clearly defined margins and white eyes. Very choice mixed. Pkt 10c, 3 pkts 25c, 1 oz 50c.

734. Mammoth Blue.

Pkt 10c.

735. Mammoth Scarlet Defiance—

True, brightest scarlet, intensely rich. Pkt 10c, 1 oz 75c.

736. Mammoth Pure White

"Snowball"—A fine strain of large flowering, pure white hybrid Verbenas. Per pkt 10c, 1 oz 75c.

737. Mammoth Auricula—

Splendid flowers of large size and bright colors, with large white eye. Pkt 10c.

738. Yellow Leaved (Golden Bedder)—

A very interesting variety with golden yellow foliage, which forms a striking contrast to the deep crimson flowers. Pkt 10c.

739. Venosa, Purple—

Producing an abundance of flowers. Good bedder. Pkt 10c.

740. Citriodora (Lemon-scented Verbena)—

The seed of this grand old favorite is very scarce. Our seed is fresh and pure. The leaves are delightfully fragrant and refreshing. It grows easy from seed and lives from year to year. Pkt 10c

741. TOM THUMB VERBENA

(Verbena Hybrida Compacta)

—The plants are of exceedingly dwarf, compact growth, not more than 6 inches in height; the branches are only one-half the length of the old varieties, and spread so as to form almost circular bushes about 2 feet in diameter. Mixed colors.....



Simmers' Mammoth Verbenas—Pkt 10c.

Venus' Looking Glass

742. Campanula Speculum—A free flowering, pretty little plant, adapted for beds or rock work, ribbons or edgings. The plants form a small, spreading mass of about 9 inches high, may be had in bloom for the whole summer by successful sowing. Blue.....

Veronica

743. Early flowering, hardy perennials, all colors, mixed.....

Vinca

(Periwinkle, or Creeping Myrtle) 744. Rosea—Rosy flowers, glossy oval-shaped leaves.....

Viola

(Single Violet) 745. Alba—White flowering.....

Viola

(Single Violet) 746. Odorata Semperflorens (Single Everflowering Violets)—The "Sweet English Violet," a favorite plant, prized for its long continued bloom and its delicate odor, 6 inches high.....

Virginian Stock

Hardy, low-growing, profuse flowering annuals, for hedges, small beds, or pot culture.

747. Cheiranthus Maritimus—Mixed.**Viscaria**

748. Hybrida—Pretty, profuse flowering, hardy, low growing annuals of easy culture in any soil. Mixed colors.....

Waitzia

749. Grandiflora

Half-hardy, everlasting annuals, 6 inches high, large yellow flowers.....

Wallflower

The flowers of the Wallflower are deliciously fragrant and greatly prized; the large, massive, conspicuous spikes of the double German varieties have a charming effect, while the more bushy, compact growth and profuse blooming of the single ones render them exceedingly attractive; h.h.p.

750. Double Varieties—Mixed 10

751. Harbinger—Rich, bloodred, 1 foot high.....

752. Single—Mixed.....

753. Single Annual Wallflower—This new annual variety will flower throughout the summer and fall, from seed sown in the spring. Every one should now grow some and enjoy the pleasing fragrance of the cinnamon-colored flowers.....

10

754. Grandiflora—Mixed, free flowering, hardy annuals, 18 inches high, bell shaped flowers, 1 inch long, violet blue and white.....

5



Wallflower—Double Mixed. Pkt 10c.



Zinnia Elegans, Double Large Flowering

759. **Sulphur Yellow**—Golden yellow flowers, large perfect shape—Pkt 5c.
 760. **Pompon or Darwini Nana fl. pl.**—Dwarf. Double, distinct; long cone shape, beautiful; flowers perfect in shape, the colors of which are exceeding bright and showy; mixed. Pkt 5c.
 761. **Haageana fl. pl.**—1 foot, double flowers, mixed. Pkt 5c.
 762. **Zebra Zinnias**—The flowers of this selection are perfect in shape, of all colors and are beautifully striped, spotted and blotched with different shades. Plants symmetrical and compact, about 2 feet high, mixed colors. Pkt 10c.

ZINNIA (Youth and Old Age)

The Double Zinnia, flowers large, beautifully formed and exceedingly handsome. Few plants in the flower border are more effective; and scarcely any flower, when cut, is more suitable for table bouquets. Being of rather robust habit, it requires but moderately rich soil; these may be sown in the open ground or in heat, according to the time it is desired to flower; half hardy annual. See also Collection Double Zinnias, 6 varieties, page 42.

755. **DOUBLE, Curled and Dressed**—A new and beautiful strain of this popular plant, with large double flower of perfect form, the petals being twisted, curled and crested into the most fantastic and graceful forms. The colors comprise all the shades characteristic of the Zinnia. Pkt 10c, 3 pkts 25c.

756. **Elegans Double**—Large flowering mixture of many colors, finest strain in cultivation. Pkt 10c.

757. **Double Scarlet**—Double, fiery scarlet flowers. Pkt 5c.

758. **White**—Pkt 5c.



Wild Cucumber Vine

WILD CUCUMBER VINE

763. This is the **quickest growing climber** in our list. It will grow thirty feet in one season, has dense graceful foliage which is thickly dotted over with pretty white, fragrant flowers. These in turn are followed by an abundance of small, ornamental and prickly seed pods. Once planted this vine seeds itself and comes up every year. Pkt 5c, oz 25c.

Wigandia

Grand and magnificent plant, with stupendous leaves richly veined, and stems covered with crimson hair. Of rapid growth and splendid habit. It forms one of the finest objects among ornamental foliage plants to impart

a tropical aspect to a garden or for conservatory decoration; h.h.p.

764. **WIGANDIA Carassana**—Pkt 10c.

Zea (Ornamental Maize)

Compact in habit, very long and drooping leaves, elegantly striped; a very effective plant, especially in groups and masses.

765. **Zea Japonica Variegata**—Per pkt 15c.

Xeranthemum

766. **Annum**—Double white. Pkt 5c.

767. **Imperiale**—Double dark violet purple. Pkt 10c.

768. **Superbissimum fl. pl.**—Distinct double. Pkt 10c.

SPECIAL MIXTURES OF FLOWER SEEDS

Many persons derive pleasure from watching the growth of a varied bed of flowers, entirely out of the usual trim garden style, while others desire a much more extended collection than their means will permit. To both of these the following mixtures will appeal.

769. **Flowers for Bouquets**.....Pkt 10
 770. **Low-Growing Annuals**.....10
 771. **Tall-Growing Annuals**.....10
 772. **Mixture of Fragrant Annuals**.....10
 773. **Mixture of Foliage Plants**.....10
 774. **Mixture of Climbers**.....10
 775. **Mixture of Evening Bloomers**.....10
 776. **Everlasting & Ornamental Grasses** 10
 777. **Biennials and Perennials**.....10
 778. **Wild-Flower Garden Mixture**—These mixed flower seeds embrace more than a hundred varieties of such easy-growing and pretty flowers as are suitable for forming a wild-flower garden. They are very useful for woodland walks, roadsides, and for sowing alongside of fences and on any untidy bare spots of ground which are frequently unsightly, and which if properly cared for and kept free from weeds, can be made to produce a continual display of bloom during the summer. Per oz 25c, 1 lb 75c, lb \$2.50.....Pkt 5

OUR CHILDREN'S FLOWER GARDEN

779. Of course the children who read this catalogue are flower lovers and are indulged in the pleasant recreation of caring for them when their allotted tasks are done and lessons learned. Now we wish to encourage and help them if we can. With this purpose in view we have prepared a mixture of fifteen easily grown annuals especially adapted for their use, which will grow and bloom under their own hands, in any flower bed or small pot in the home garden. **Price, large packet, with full directions for sowing and cultivation, 10c. For 5c extra we will add a packet of the wonderful Fairy Rose that blooms from seed the first year. Remember, the children's 15c Collection means one packet of mixed flower seeds and one packet of Fairy Rose seed, postpaid. The children's 20c Collection includes two named above and pack t containing Sun-flowers, Gourds and Pumpkins.**

BOWKER'S FOOD FOR FLOWERS

(An excellent Fertilizer for House Plants, soluble in water, free from odor and clean to handle.)

It is made expressly for flowers grown in the house or garden. It contains the same plant food as stable dressing, and produces the same results, without giving off in the room that offensive and unhealthy odor which arises from the application of stable manure. It produces a healthy, luxuriant growth, and induces early and generous flowering, and cannot in any way harm the plants if applied according to directions, which are simple and accompany package.

This **Plant Food** has been sold by us to hundreds of lovers of flowers in Canada, especially during the winter and spring months, never failing to give entire satisfaction to the purchaser.

No. 1 Regular Sized Package—Sufficient for 20 plants for one year, 35c postpaid.

No. 2 Package—Sufficient for twenty plants for three months, 25c postpaid.

Prices in bulk—If by mail add 4c per lb—5 lbs 75c, 10 lbs \$1.25, 50 lbs \$6.00, 100 lbs \$12.50. Full and simple directions accompany each and every package.

HELPFUL SUGGESTIONS ABOUT FLOWER BEDS FROM SEEDS

What to Plant for Fragrance.—Arabia, Sweet Peas, Asperula, Antirrhinum, Stocks, Mignonette, Wallflowers, Sweet Alyssum, Nicotiana, Musk Plant, Phlox, Odier Pansy, Carnation, Heliotrope, Lemon Verbena, Freesia, Oenothera, Hesperis, Verbena, Petunia.

For House Planting.—Chinese Primrose, Cyclamen, Gloxinia, Cineraria, Calceolaria, Asparagus, Freesia, Heliotrope, Abutilon, Begonia, Agathe, Coleus, Cyperus, Geranium, Impatiens, Smilax, Lantana, Primula Obconica.

Suitable for Low Borders—Cupid Sweet Pea, Alyssum, Portulacca, Coxcomb, Lobelia, Dwarf Asters, Pansies, Dwarf Nasturtium, Verbena, Pyrethrum, Daisies, Dwarf Phlox, Dwarf Snapdragon, Browalia, Godetia, Dwarf Ageratum, Centaurea (Dusty Miller).

"OLD-FASHIONED" FLOWERS.—Hollyhock, Four O'Clock, Nasturtium, Sweet Alyssum, Sweet Peas, Morning Glory, Forget-Me-Not, China Pinks, Snapdragon, China Asters, Sweet William, Zinnia, Marigold, Mignonette, Pansies, Bachelor's Button, Candytuft, Stocks, Foxglove, Pot M r gold, Larkspur, Poppies, Wallflowers, Sunflower, Sweet Sultan, Phlox, Portulacca (Rose Moss).

Hardy Kinds That Are Permanent—Salvia, Delphinium, Sweet William, Heuchera, Everlasting Pea, Coreopsis, Gentiana, Gypsophila, Hardy Phlox, Hollyhock, Pyrethrum.

What Will Thrive in the Shade and Among Shrubs, etc.—Forget-Me-Not, Mimulus (Monkey Flower), Asperula, Balsams, Campanula, Digitalis (Foxglove), Oenothera, Lobelia, Musk, Daisies, Sweet Violet.

GOOD CLIMBERS—Balloon Vine, Cobaea, Morning Glory, Moon Flower, Canary Bird Creeper, Thunbergia, Maurandia, Allegheny Vine, Nasturtium, Smilax, Mina, Mina Lobata, Ampelopsis, Lophospermum, Gourds, Cypress Vine, Balsam Apple, Hop Japanese, Aristolochia (Dutchman's Pipe).

For Cut Flowers, Bouquets, Vases, etc.—Sweet Peas, Asters, Stocks, Gaillardia, Sunflower (Mixture), Mignonette, Bachelor's Button, Verbena, Nasturtium (Tall), Carnations, Snapdragon (Tall), Pinks, Cosmos, Calliopsis, Calendula, Candytuft, Sweet Sultan, Scabiosa, Pansies, Forget-Me-Not, Poppies, Chrysanthemum, Stevia, Matricaria (Ravefew), Canterbury Bells, Blue Daisy (Agathe), Brachycome, Gypsophila, Marigold, Ornamental Grasses.

Surprise Flower Seed Collections

That we may fill orders promptly in our busy season we put up nearly all our flower seeds into packages in advance, just as soon as the new stocks arrive from our growers, which often leaves us towards the close of the season "long" on a number of sorts. Now, rather than throw them away as has been our usual custom, we will make them up into Surprise Collections, and all customers who avail themselves of our offers will experience a real surprise at the value received. The selection of varieties must be left entirely to us, but we will consider the wishes of our customers if they will indicate to what use the plants are to be put. These Surprise Collections will not be mailed before May 15th, though orders will be booked any time before that date.

No. 1 Surprise Collection will contain 10 or more pkts of different choice sorts of flower seeds. Price 20c.

No. 2 Surprise Collection will contain 20 pkts of different choice sorts of flower seeds. Price 35c.

We guarantee these collections to contain seeds as good as those sold at regular catalogue prices.

CANNAS

Three Choice Orchid Flowered or Italian Cannas

Allemania—Exceptionally large flowers, frequently measuring $6\frac{1}{2}$ inches across, the upper petals salmon with broad border and markings of golden yellow, while the lower petal is dark salmon marked with yellow in the centre; foliage dark green.

Austria—Pure canary yellow; fine large open flowers, with but few traces of reddish brown dots in the centre of the two inside petals.

Italia—The flower spikes produce a number of extraordinary large flowers of a beautiful scarlet color, edged with yellow, a plant that should be in every collection.

Price 15c each, set of 3 varieties 40c.

Two Grand Dark-Leaved Indian Cannas

Black Beauty—Large massive foliage of the richest bronzy purple color shaded with black, the edges of the leaves having a peculiar wavy margin. Where foliage effect alone is desired, nothing richer or more handsome can be found. 35c each.

Bassett's Red—A grand bronze-leaved variety with intense bright bronzy red foliage, valuable either for massing by itself or for planting in connection with the dwarf French varieties. It grows about 5 feet high, is very uniform in habit and a stately plant in every way. 15c each; \$1.50 per doz; one of each 45c.

Two Cannas of 1899 Introduction, Golden Sceptre

New Yellow Bedding Canna—After six years crossing, a pure golden yellow Canna, without spots, has been produced that *does not bleach in the sun* like other yellow Cannas; flower stalk branching, from three to six having, by actual count, produced *two hundred flowers to a stem*. Color golden yellow, without spots, lower petals very broad, height $4\frac{1}{2}$ feet, foliage bright green. Price 20c each, 3 for 50c, \$1.75 per doz.

Dark Foliaged Canna

Gigantea—This gigantic dark foliaged Canna has been grown to the height of 8 feet 11 inches, with bright orange-scarlet flowers of good size; the foliage is simply superb. One of the hundreds of varieties of Cannas grown the past few seasons, this variety stood pre-eminent in its class. It comes into bloom very early, and blooms continuously. Price 20c, 3 for 50c, \$1.75 per doz.

We will supply one of each Golden Sceptre and Gigantea for 35c postpaid, 3 of each for 90c.

Cannas of Special Merit

Goliath—A fine rich dwarf crimson, with broad massive petals and heavy dark green foliage; 3 feet.

Mine d'Or—This is practically a yellow Madam Crozy, which it resembles in size and shape of flower. It is of bright canary-yellow, the lower petals very lightly marked with red.

President McKinley—Brilliant crimson, with bright scarlet shading; truss large, compact, of good shape, about 3 feet high.



Type of Orchid Flowered Cannas

Cannas of Special Merit—Continued.

President Cleveland—It is of strong, robust habit, growing about 3 feet high, with rich green foliage. The flowers are bright orange-scarlet, in enormously large trusses.

Sam Trelease—In color it is the nearest approach to a pure scarlet yet introduced. Very rich and glowing; the edges and centre are marked with yellow about the same as in Mad. me Crozy. About 3 feet high, with large freely branching spikes of flowers.

Sunray—An entirely distinct striped variety. The flowers are of large size, open out well, and are produced very freely. The ground color is a rich bright yellow, with stripes and dashes of bright scarlet running through almost to the edge of the petals.

Beaute Poitevine—An excellent free-flowering crimson that is especially valuable in a hot, dry season, succeeding better under those conditions than any other variety.

Any of the above varieties for 15c each, \$1.50 doz.

Standard Well-tried Varieties

Admiral Avelan—The flowers are of good size of a rich orange scarlet color overlaid with salmon in such a manner as to give the whole a peculiarly rich luminous appearance.

Alphonse Bouvier—In color it is the most intensely brilliant crimson yet introduced, and is undoubtedly one of the best bedding varieties.

BURBANK—The flowers are truly gigantic in size, the three upper petals spreading fully 7 inches, and the form is really semi-double; toward the inner part the lower petals show fine crimson spots; all the rest of the flower is of a most beautiful rich canary yellow.

Charles Henderson—The flowers are deep rich crimson, borne in compact symmetrical heads, above a rich green foliage. The habit of the plant is dwarf—about $3\frac{1}{2}$ feet high.

Florence Vaughan—The flowers of this splendid sort are of the most perfect form, the petals are even broader than those of the Madame Crozy and more rounded at the ends, and are well opened and of the most brilliant golden yellow, dotted with brightest scarlet.

Madame Crozy—The flowers are of the largest size, of a dazzling crimson scarlet, bordered with golden yellow. The plant is of vigorous growth, yet dwarf in habit, seldom exceeding four feet in height. The foliage is of a rich, cheerful green, and very massive.

Paul Marquant—A very beautiful and distinct variety; the individual flowers are the largest among the race and are a peculiar shade of salmon, overlaid lightly with soft rosy carmine, very pleasing to the eye.

Queen Charlotte—The enormous flower spikes, tower grandly above the foliage, bear a beautiful bouquet of large flowers of perfect form, with petals of a rich scarlet crimson, broadly banded with bright canary yellow.

Souvenir de Antoine Crozy—The flowers are large, with well rounded petals, which are of intense scarlet crimson, rich and dazzling, and are bordered with a broad rich golden yellow border, and do not fade or scorch in the most intense hot and dry sun.

Chicago—Nearly 4 feet; grand vermilion scarlet; flowers very large and flat, petals broad and five in number.

Egandale—(Medal). 4 feet; considered by experts the best in this class. Purple foliage, strong, compact flower spikes, color currant red. The finest bedding Canna of its color because of its harmony of leaf and flower, and because of its brilliancy it can be seen farthest.

Flamingo—One of the finest solid crimson varieties, with large flowers over 4 inches in diameter. They cluster around the stem in an even manner, giving the truss the grace and finish of a Hyacinth spike.

Mrs. Fairman Rogers—3 feet; green foliage; an improved Madame Crozy, of dwarf, compact habit; a profuse bloomer, forming large flower trusses of a brilliant red, banded with a narrow border of yellow.

Papa— $3\frac{1}{2}$ feet; green foliage; considered by many the finest red; strong grower, throwing up immense spikes of flowers; color, pure red.

Selection of the above list 15c each, 6 for 65c, \$1.25 per doz.

Cannas, Mixed, Unnamed—These include many seedlings and varieties of merit and varieties of colors; for beds, borders or clumps they will make a handsome display. Each 10c, per doz \$1.00, per 100 \$8.00.



DAHLIAS

The Dahlia is the grandest Autumn flower we have. There is nothing to equal it in September or October when everything else is faded or fading, and it surrenders only to frost. Tubers should be planted when the season becomes warm, covering the neck about 3 inches. If many shoots start thin out. Take up plants before hard frost, cut off tops, dry the tubers a little, and put in cellar until spring. There are four distinct classes, viz.: **Large Double, Dwarf Double, Cactus and Single.** All are grand, and the entire collection should be planted. Tubers can be sent as soon as all danger from frost is past, about April 1st. **Prices below include postage.**

New and Standard Varieties of Tall Double Dahlias

- Beauty**—Large, pure white, extra fine.
Bishop of Durham—Peculiar shade of yellow and slate.
Butterfly—Yellow-striped carmine.
Charles Lidgard—Deep yellow, edged with red.
Cherry Red—Light red.
Dr. Box—Bright red, very fine.
Elegans—Rosy purple, tipped white.
Emily Edwards—White, tipped lavender.
Empress of India—Large, white, tipped with purplish lilac.
Florence Stark—White, striped with purple; best of its color.
Hector—Large, cherry red, finest form.
Leader—Dark purple, large flower.
Mantas La Villa—Very deep rose.
Miss Browning—Clear yellow, tipped with white.
Miss Marsh—White, deeply edged with rose purple.
Modesty—Blush, light centre, large, always perfect.
Mrs. Cox—Pure bright yellow.
Oriole—Pale yellow, deeply edged with white.
Perfect Vallon—Beautiful rich cardinal red.
Queen Victoria—Yellow, edged, deep rose.
Robert Turner.
Rosiland—Light yellow.
Triomphe de Pacque—Dark maroon, good form.
PRICE—15c. each; any 4 50c. doz \$1.40.

DWARF DOUBLE BOUQUET DAHLIAS

So-called from their compact and dwarf habit of growth; flowers smaller than those of the Standard Dahlias, but perfect and very double.

- Allie Mourey**—Blush white, tipped pink.
Crimson Beauty—Vivid crimson.
Cupid—White ground, tipped rose.
Eleganta—Soft pink, tipped deep pink.
Golden Jewel—Very small, pure yellow.
Little Hugo—Dark maroon, very double, one of the best.
Little Prince—Red tipped, white.

PRICE—15c each; any 4, 50c; per doz \$1.40.



Clifford W. Bruton.

- Scarlet Gem**—Heavily tipped scarlet.
Snowflake—Pure white.
Vivid—Bright crimson scarlet.
White Aster—Pure white, quilled.

GRAND NEW DAHLIAS

"GREATER BRITAIN"

This superb new variety is acknowledged by all who have seen it to be the **finest Tall Double Dahlia** of recent introduction. It is a very strong, sturdy grower, and an extremely profuse bloomer for so large a flower. The flowers are large, 6 to 6 inches in diameter, and perfectly full to the centre. The color is a pure rich yellow, petals tipped with delicate peach. The flowers can be cut at any stage of development, and as they are borne on very long graceful stems, they are invaluable for cutting or exhibition purposes. 30c each, 2 for 50c.

Pure Yellow Dahlia, CLIFFORD W. BRUTON

The grandest yellow Cactus Dahlia ever produced, and one that will eventually find its way into every collection. The flowers are of large size, sometimes measuring from 5 to 6 inches in diameter, and always full to the centre; of perfect form and exquisite quality and finish, while the color is of the purest yellow. The petals are very long, the outer rows being beautifully twisted; the plant is a strong symmetrical grower, and owing to perfect habit will be especially valuable. 25c each, 2 for 40c.

Special Offer

One of each of the above two Dahlias 50c, postpaid.

CACTUS DAHLIAS

The following varieties were selected while in flower especially for our sales. They are among the finest show varieties grown, each distinct in appearance, and the colors are such as cannot fail to please.

- Bronze Cactus**—Bronze.
Cactus Queen—Rich blood red, very decided color.
Charming Bride—White, pink tipped.
Fern Leaved Beauty—Foliage finely cut like those of a strong growing Fern. Color creamy white, with petals heavily bordered with dark crimson.
Henry Patrick—Pure white, free.
King of Cactus—Reddish crimson shade, large broad petals.
Mrs. Peart—The flowers are of medium size, of the purest white, with a slight tinge of lemon in the centre when it first opens. 20c each, 3 for 50c.

Nymphæa (the Pink Water Lily Dahlia)—Flowers of large size, with heavy, broad petals, centre cupped or incurved; shrimp pink, shading slightly darker.

Sunlight—Very large, pale yellow.

Wm. Agnew—The richest shade of intense dazzling red.

William Pearce—Bright yellow, perfect.

15c each; any 4, 50c; per doz \$1.90.

Mixed Dahlias

We have a large stock of Mixed Dahlia Roots from which the labels have been lost, among them will be found some of our very best varieties. We offer these for 10c each, 3 for 25c, 75c per doz, \$5.00 per hundred.

SIX CHOICE SINGLE DAHLIAS

- Duchess of Fife**—Amber, bordered orange red.
Titan—Fern Leaf, bright orange.
John Cowan—Crimson, shaded maroon.
Kate—Intense orange-scarlet maroon.
Mrs. L. C. Bassett—Maroon, striped lilac.
Novelty—Purple spotted white.
Snow Queen—Pure white.

Price—15c each, 4 for 50c, \$1.40 per doz, the set of 7 varieties for 85c.

Bulbs that Bloom as well as Seeds that Grow

We are able, this year, to make **prices lower than ever before.** We have reduced the prices on **BULBS**, and **PLANTS**, but in every case are careful to supply **only the BEST.** Bulbs offered at prices lower than quoted on these pages will be found generally to be either inferior in quality or not well-ripened, **full-sized BULBS that will BLOOM the first season.**



GLADIOLUS Free by Mail at Prices Quoted

SPECIAL NAMED VARIETIES

Aurora—Bright salmon rose.
Africain—Slaty brown on scarlet ground, streaked and blotched.
Amalthee—Pure white, large violet-red blotch.
Calypso—Flesh colored rose, streaked rose.
Chameleon—Slaty lilac flowers, flamed orange.
Conquete—Bright cherry red, pure white blotch.
Delicatissima—White, suffused with soft lilac.
Duchess of Edinburgh—Purplish rose with carmine stripe.
Lamarck—Cherry color, tinted orange.
Mr. Bains—Clear light red.
Octoroon—Beautiful salmon pink.
Pepita—Golden yellow, striped carmine.
Thalia—White flamed and streaked with carmine.
Any one of the above list of select varieties 10c.
One each of the 13 varieties (entire list) \$1.00.
SNOW WHITE—Pure white. Each 15c, 4 for 60c, \$1.75 per doz.

GIANT OR CHILDSI GLADIOLUS

The flowers are of great substance and of gigantic size. The form of both the flower and spike is perfection itself, but their most remarkable feature is their coloring. Orchids cannot surpass them in their varied and delicate shades, markings and blendings. Every color known among gladiolus is represented, and many never before seen, particularly blues, smoke-grays and purple blacks, all having beautifully mottled and spotted throats, made up of white, crimson, pink, yellow. Price, each 10c, 3 for 25c, 12 for 90c, postpaid.

OUR 25c COLLECTION Six Bulbs—All Named Separately

A true bargain introduction arranged as a surprise offer to our customers for a trial, all first size bulbs.

Ceres —Fine striped and variegated.....	5	Madame Monneret —Delicate rose.....	5
John Bull —A first-class white.....	5	Napoleon III. —Scarlet and white.....	5
Isaac Buchanan —Best yellow.....	5	Robert Fortune —Orange veined white.....	10

OUR 50c COLLECTION Twelve Bulbs—All Named Separately

Angele —Soft mother-of-pearl color.....	10	La Favorite —Rose-flamed carmine.....	10
Brenchleyensis —Vermillion scarlet.....	5	Madame Monneret —Delicate rose, with white stripe.....	5
Ceres —Pure white, spotted with rose.....	5	Napoleon III. —Bright scarlet, striped white in centre of petal.....	5
Elizabeth —Dark rose, flamed carmine purple	10	Eugene Scribe —Rose blazed carmine.....	5
Grand Rouge —Intense scarlet, violet blotch	10	Romulus —Dark red, white blotch.....	5
Isaac Buchanan —Fine yellow.....	5		
John Bull —White, tinged sulphur.....	5		

OUR GRAND MIXED GLADIOLUS

Our Mixed Gladiolus are very fine indeed, being choice varieties only. All old and common ones have been discarded, and customers can depend upon having a large and magnificent variety of colors.

	Each	per doz	per 25	per 100
Simmers' Extra Fine Mixed.....	\$0 03	\$0 30	\$0 60	\$1 75
Popular Cheap Mixture.....	0 02	0 20	0 35	1 25
White and Light Varieties, Mixed.....	0 05	0 50	0 90	3 25
Striped and Variegated, Mixed.....	0 05	0 50	0 90	3 25
Pink Varieties, Mixed.....	0 05	0 40	0 75	2 00
Red and Scarlet Varieties, Mixed.....	0 03	0 30	0 60	1 50
Yellow and Orange Varieties, Mixed.....	0 05	0 50	1 00	3 50
Mixed Lemoine's Seedlings.....	0 05	0 35	0 70	2 00

Remember all are postpaid at prices quoted except 100 lots. The 100 rate does not include carriage

TUBEROUS ROOTED BEGONIAS



Single Tuberous Begonias

Giant Single Varieties—Separate colors, **White, Scarlet, Pink and Yellow.** Each 10c, per doz \$1.00, four bulbs one of each color, for 35c, 25 for \$1.50, 100 for \$5.50.
Giant Single Mixed—Each 10c, 4 for 30c, per doz 75c, 25 for \$1.35, per 100 \$5.00.
Giant Double Varieties—Separate colors, **White, Rose, Scarlet and Yellow.** Each 20c, 3 for 50c, doz \$1.75, 25 for \$3.00, 100 for \$11.00.
Giant Double Mixed—Each 15c, 4 for 55c, per doz \$1.50, 25 for \$2.75, 100 for \$10.00.

SPECIAL OFFER One bulb each color of **Single White, Red, Pink and Yellow** for 35c. One bulb each color of **Double White, Rose, Scarlet and Yellow** for 60c.

These are certainly grand summer blooming plants for beds, whether singly or in masses. As pot plants they are also unequalled with their many varied colors of white, yellow, pink, scarlet and red—great waxy flowers measuring from three to six inches across. The double-flowering sorts resemble beautiful roses. Plant out in May, a foot or so apart, one inch deep, and well-watered at all times. Take up on the approach of cold weather. For growing in pots start at any time after January.



Amaryllis Vittata
Hybrids

AMARYLLIS

Formosissima (Jacobean Lily)—Flowers of a deep velvety crimson color, handsomely formed, very striking. Each 10c, 6 for 50c.

Equestre—The flowers have very spreading graceful petals of bright salmon pink, with a distinct snow-white blotch at the base of the petals. Each 25c, 4 for 90c.

Treatea (Fairy Lily)—Bulbs can be planted at any time during the winter or spring, and will soon bloom. They should be potted in sandy soil and five or six can be planted in a five-inch pot. Each 5c, doz 50c.

Vittata Hybrids—Beautiful, large-flowering, new seedlings from choicest varieties; bulbs are of an immense size and will produce something grand. Each 50c, doz \$5.00.

Johnsonii (Spice Scented)—It is impossible to name a more magnificent bulbous plant than this; its immense flowers, richness of coloring and regal habits are simply incomparable; it throws up a spike about 18 inches high, bearing from two to six flowers, averaging four to six inches across, of a bright rich red color, with a white stripe down each petal; it also has a rich, spicy fragrance. This variety is the most robust and luxuriant and the earliest to flower of the whole Amaryllis family, and is a prolific bloomer, and it is of easy culture. 25c each; extra large bulbs. 50c each, 2 for 90c.



Lilium Auratum

The Three Queens

**NO FLOWER GARDEN IS COMPLETE WITHOUT THESE
THREE GRAND LILIES**

***Their Ease of Culture, Hardiness and Freedom of Bloom
Commend Them to Every Flower Lover***

AURATUM (Gold Banded)

Justly famous as the most beautiful and fragrant of all Lilies (selling at \$5.00 per bulb when first discovered in Japan): flowers white, dotted crimson, with a clear, broad, golden band running through the centre of each petal. Good bulbs will produce from 10 to 25 fine blooms, 7 to 12 inches across, on a stalk 3 to 4 feet high. It is hardy, but unlike *Rubrum*, newly imported bulbs should be planted every two or three years. The splendid flowers produced and the present very low price of the fine, large bulbs, justify annual planting.

First Size Bulbs.....	Each	15c., 4 for 50c., dozen	\$1.50.
Extra " ".....	"	20c., 4 for 75c., "	2.00
Mammoth Size Bulbs.....	"	30c., 4 for \$1.00, "	3.00.

ALBUM (Speciosum)



Lilium Speciosum

Pure white, with beautiful recurved petals; very fragrant. This, with Rubrum and Melpomene, belongs to the "**Speciosum Section**," which are distinct, graceful and free-blooming. They are hardy, needing very little protection; will grow and flower without any special treatment; by far the best for general cultivation.

First Size Bulbs..Each 20c., 3
for 50c., dozen \$2.00.
Extra Size Bulbs..Each 25c.,
3 for 65c., dozen \$2.50
Mammoth Size Bulbs..Each
35c., 3 for \$1.00, dozen \$3.50.

RUBRUM (Speciosum)

This is as easily grown and as reliable as a *Gladiolus* or *Dahlia* bulb, probably giving the best satisfaction of any *Lily*. The magnificent flowers are white, with a deep rosy or crimson band on each petal, with deeper colored spots between. They are 5 to 6 inches in diameter, very fragrant, and having all the hardness of the *Speciosum* class. The bulbs succeed best when they remain undis-

turbed in the ground for several years, increasing in size, as well as in size of flowers, stalk and number of blooms.

First Size Bulbs.....	Each	15c., 3 for 40c., dozen \$1.50.
Extra " "		20c., 4 for 75c., " 2.50.
Mammoth Size Bulbs....	"	30c., 4 for \$1.00. " 3.00.

SPECIAL OFFER

One first size bulb each of the three grand sorts	postpaid	..40c.
" extra size "	" "	..60c.
" Mammoth "	" "	..85c.

LILIES

All Bulbs are sent by mail, postpaid, unless noted

Roseum (*Speciosum*)—White, shaded and spotted with rose. Each 15c.
doz. \$1.50.

Melpomene (*Speciosum*)—A valuable addition to this class. Each petal is completely covered with blood-red, except a clear, frosty white border; the papillæ are of a black crimson. Extremely handsome and perfectly hardy. Each 30c, per doz \$3.00.

Longiflorum—A variety bearing in clusters beautiful snow-white, trumpet-shaped flowers of rare fragrance; almost exactly like *Lilium Harrisii* in shape, but blooms later, extending the season of that beautiful kind. Each 15c, doz \$1.50.

Brownii—Magnificent variety with large flowers, pure white inside, purple tinted outside, stamens of a rich chocolate color, one and a half to two feet high, blooms in June. Each 40c.

Chalcedonicum—Bright scarlet recurved flowers, blooms in June, 3 feet. Each 50c.

Martagon—Purplish red, spotted with dark purple, prolific bloomer, 2 to 3 feet high, blooms in midsummer. 15c each, \$1.50 per doz.

Tenuifolium (Coral Lily of Siberia)—Flowers vivid scarlet, with petals reflexed; very showy and free flowering, blooming early in the spring; very easily grown, requiring only a well-drained, sandy soil. Each 25c, 5 for \$1.00, 12 for \$2.00.

Excelsum—This stately and beautiful variety grows from 5 to 6 feet in height, and bears from 5 to 12 fragrant, nodding flowers, of a delicate buff color. Each 50c, 3 for \$1.35.

Tigrinum—Spotted Tiger Lily. Each 15c, \$1.50 per doz.

Tigrinum, fl. pl.—Spotted Tiger Lily, with double flowers. 10c each.
6 for 50c.

Candidum—The pure white garden Lily; flowers snow white, with heavy yellow stamens; hardy and free-blooming, bearing 5 to 20 blossoms. Plant early and leave them undisturbed. Each 10c, 3 for 25c, 6 for 50c, \$1.00 per doz.

Orange Lily (*Bulbocodium Aurantiacum*)—Each 15c, \$1.25 per doz.

WALLACE'S NOTES ON LILIES—An interesting and valuable book on Lilies, indispensable to Bulb Growers. Illustrated. Cloth, 215 pages \$2.50.

LILY COLLECTIONS

To make these beautiful flowers more popular we offer the following very cheap :

Popular collection of 10 Separate Varieties for \$1.25, postpaid.

**ONE BULB EACH—Auratum, Speciosum Roseum, Speciosum
Rubrum, Speciosum Album, Melpomene—Longi-
florum, Martagon, Tigridum, Tigrifolium, Tigri-
num fl. pl., Tenuifolium.**

Popular collection of 5 Separate Varieties for 75c, postpaid.

ONE BULB EACH—Auratum, Speciosum Roseum, Speciosum Rubrum, Speciosum Album, Melpomene.

Miscellaneous Bulbs, Etc.

Apios Tuberosa—Its clusters of rich, deep purple flowers have a strong delicious violet fragrance. They grow to a great height and bloom profusely. The bulbs are hardy and need not be taken up. Each 5c, doz 50c.

Cyclobothra Flava—The habit of plant and bloom is similar to Bessera; the color is clear, golden yellow, with intense black spot on each petal. Each 10c, 3 for 25c, 90c per doz.

Chlidanthus Fragrans — The large flowers, which are borne in dense clusters during the months of July and August, are of a deep canary yellow color and extremely fragrant. Each 10c, 75c. per doz.

CINNAMON VINE

(*Dioscorea Batatas*)

A rapid-growing climber, taking its name from the peculiar fragrance of the delicate white flowers. The leaves are heart-shaped, bright glossy green; growth is very rapid, reaching about eight feet in height; quite hardy. Good roots 5c each, 3 for 10c. 25c per dozen.





Dwarf Calla "Little Gem."
CALLA DWARF LITTLE GEM

Indeed a "pigmy," scarcely ever exceeding the height of 1 foot, yet producing good sized flowers in great abundance. The flowers will be found exceedingly useful for "cut flower work." Price—Each 20c; 3 for 50c.

WHITE CALLA (Lily of the Nile)

Pure white, splendid bloomer. Each 15c, 4 for 50c.

Spotted Leaf Calla (Richardia Alba Maculata)

A very ornamental plant, even when not in bloom; foliage beautifully marked with transparent white spots showing to great advantage before a window. Flowers white with black centre. Blooms splendidly in the garden or as a pot plant. Large bulbs, to bloom at once. Price—Each 15c; 4 for 50c; doz \$1.25.

New Yellow Calla (Richardia Hastata)

Everyone is familiar with the well-known White Calla Lily. This fine variety we now offer is identical with this in every respect, except the color which is pure yellow, so that the great value of this grand novelty can be readily appreciated by all. Genuine imported stock. Each \$1.00.

"Black Calla" Lily (Arum Sanctum, Solomon's Lily)



Black Calla

The large wavy leaves, which are of a rich green color, veined, light green, resemble those of Calla Ethiopica. The flower is about 14 inches long and from 7 to 9 inches across, of a brilliant dark purple color. The spike, rising about 10 inches from the centre of the flower, is velvet-like and quite black. Price—Extra large roots, each 20c, or 3 for 50c.

CALADIUM

(Fancy Leaved Varieties)

A most beautiful class of plants, with the brightest and most peculiarly marked leaves of any foliage plant. They are easily grown, and from the 1st of June until October no house plant can vie with their beauty. Bulbs must be stored in the winter where it is quite warm and not too dry. Our collection consists of thirty fine varieties. Each 25c, 4 for \$1.00, per doz. \$3.00



Fancy Caladium

Caladium Esculentum

(Or Elephant's Ears)

One of the most beautiful and striking ornamental foliage plants in cultivation, either for culture in pots or for planting out upon lawns. It will grow in any good garden soil, and is of the easiest culture. When of full size it stands about 5 feet high, with immense leaves, often measuring 4 feet in length by 2 1/2 in breadth. Price—Per 1st sized root, each 25c, per doz \$2.50; 2nd size 15c, doz \$1.50; small size 10c each; \$1.00 doz.



Caladium Esculentum

Crinum Capense

CRINUMS

Kirkii—The grandest variety of this group. The flowers are fragrant, petals broad and white, with deep purple reddish stripe through centre. Usually two flower stalks are sent up, each bearing a large cluster of 12 to 20 flowers. It blooms with the greatest freedom. Extra large bulbs, each 50c, medium sized bulbs 25c each.

Crinum Americanum—The flowers are pure white, waxy-like and fragrant, and are produced in great profusion. Strong flowering bulbs, each 20c, 3 for 50c.

Crinum Capense—Rose, sweet-scented one of the finest Crinums; hardy with slight protection, producing many flower stalks 2 1/2 to 4 feet high, crowded with 10 to 15 blooms. Each 30c, 3 for 75c.

Special Offer—One of each of the three varieties 90c, postpaid.



C. 1

Gloxinia, with erect bloom

GLOXINIA

A charming class of summer blooming bulbs, which succeed with ordinary care. They should be grown in a moderately shady place, as the sun burns the foliage when wet, making brown spots appear.

Our mixtures include flowers of lovely form and hue, comprising all shades of color. For those who do not care about special color, they will be found very desirable, as only fine varieties have been kept, poor and dull colors being discarded.

Our Finest Mixed Bulbs—15c each, 4 for 50c, doz \$1.50.

HYACINTHUS CANDICANS

A very striking and beautiful plant. It is a strong grower and quite hardy, shoots upward a stem 4 or 5 feet high, which bears quantities of drooping, ivory-white, bell-shaped flowers, of delicate fragrance. It is very attractive planted among shrubbery or with Lilies or Gladioli. Each 10c, 3 for 20c, per doz 75c.

GIANT CYCLAMEN

Certainly most interesting and beautiful winter and spring flowering bulbs. Not only are the flowers of striking beauty, but the foliage is also highly ornamental, being handsomely marked with various shades of green, gray and white.

Giant Rose—25c each, per doz \$2.50.

Giant White—25c each, per doz \$2.50.

Giant Red—25c each, per doz \$2.50.

Giant Mixed—20c each, per doz \$2.00.



Giant Cyclamen

COOPERIA DRUMMONDI

(The Giant Fairy Lily)

Plant in spring, either in open ground or pots, where they will bloom freely most of the summer, sending up beautiful lily-like white blossoms on stems 10 to 15 inches high. In the fall lift the bulbs and keep dry over winter. One of the easiest bulbs to grow, sure to bloom freely. Strong bulbs 5c each, 3 for 25c.

Cypella Herberti

(Golden Cup)

The flowers are of a deep golden yellow, each petal having a broad, rich purple stripe through the centre, and spots of the same color at the base. As the flowers are produced in quick succession and many on a spike, it is scarcely ever out of bloom. Keep dry in winter. Each 20c, 3 for 50c.



Cypella Herberti

Lily of the Valley

No flower so easily wins our love and keeps it forever as the Lily of the Valley—the sweetest and most delicate flower, being perfectly hardy, and each succeeding year rewarding the grower with greater abundance of deliciously fragrant blossoms. Strong clumps, each 35c. Strong pips, 5c each; 6 for 20c; 12 for 35c.

Madeira Vine

A tall half-hardy, tuberous-rooted, climbing plant, of rapid growth, bearing copious and graceful racemes of deliciously fragrant white flowers, very useful for screens and trellis work. Each 5c; 3 for 10c; doz 30c.



Montbretia Crocosmiaeflora

Montbretia Crocosmiaeflora

Showy flowers on spikes 12 to 24 inches long; bright orange, dotted purple. Each 5c, doz 50c.

Summer Flowering Oxalis

Valuable for edging walks, flower beds, etc. Bulbs planted 3 inches apart form rounded rows of delicate foliage 1 foot high, which produce flowers in endless succession.

Versicolor—White margined vermillion. Each 5c; 3 for 10c; doz 30c.

Lasiandra—Rosy pink. 5c each, 3 for 10c, doz 30c. \$2.00 per 100.

Dieppi—Rosy white. 5c each, 3 for 10c, doz 30c, \$2.00 per 100.

\$1 SPRING BULB COLLECTION

Contains 25 Summer Flowering Bulbs, which we will send free by mail or express for only **One Dollar**:—1 Milla Biflora; 1 Madeira Vine; 3 Mixed Gladioli; 1 Lilium Longiflorum; 3 Fine Oxalis; 1 Cyclobothra; 2 Pearl Tuberoses; 1 Amaryllis Treata; 1 Tigridia; 1 Spider Lily; 1 Double Dahlia; 5 Cinnamon Vines; 1 Caladium (Elephant's Ear); 1 Hyacinthus Candicans; 2 Tuberous Rooted Begonia. This collection will furnish flowers from early spring until late in the fall, and if properly cared for the Bulbs can be stored over winter and planted again in the spring.

Milla Biflora

(Mexican Star or Frost Flower).

This charming flower blooms profusely all summer; the flowers are full three inches in diameter, and pure waxy white; they are borne on slender, rush-like stems. Each 5c, 3 for 10c, per doz 40c.



Milla Biflora



Pancratium Maritimum

Spider Lily

Pancratium Caribbæum (Spider Lily)—Planted out in wet places during summer it will produce many spikes of fragrant flowers, in dense clusters, lasting several weeks; grand for indoors, blooming even if grown in water. Each 20c, 3 for 50c, 7 for \$1.00.

Pancratium Maritimum (The Sea Daffodil)—The large white flowers are boldly relieved by a green stripe. Their beautiful odor is also a great attraction. As a cut flower they last for many days. It will certainly give satisfaction. Each 20c, 3 for 50c, 7 for \$1.00.

Pancratium Calathinum (Basket Flower)—Grand species, exceedingly fragrant white flowers 3 in. long by 4 in. wide, lasting a long while. Each 35c, 3 for \$1.00.



TIGRIDIAS.

TIGRIDIAS (Peacock Tiger Flower, or Mexican Shell Flower)

Extremely handsome summer flowering bulbs growing about 2 feet high, producing large gorgeous flowers, exquisitely spotted.

Conchiflora (Mexican Shell Flower)—Dark yellow, large red spots. Each 5c, per doz 45c.

Pavonia (Peacock Tiger Flower)—Very large, bright crimson centre, mottled with yellow. Each 5c, per doz 45c.

Grandiflora Alba—Flowers large, ivory white, spotted at the base with red on a yellowish ground, forming a fine contrast with the white of the petals. Each 10c, per doz 90c.

SPECIAL OFFER—One each of the above three varieties for 15c; or three bulbs of each variety for 40c.

The Resurrection Plant

(Or Rose of Jericho)

Imagine a bunch of withered-looking, curled-up shoots, brown, stiff and apparently dead, resembling a bird's nest. Place it in water; in an hour what a transformation! The withered-looking bunch has now opened, and is transformed into a patch of bright, green moss. Each 15c, 2 for 25c.

DOUBLE TUBEROSE BULBS

(Sweetest-Scented Flower that Blooms).

CULTURE—The growing plant is fond of light and heat, and must have full sunlight when bedded and plenty of water when it begins to grow freely, but not too much water when first planted, and should not be planted outside before May 1st.

Excelsior Pearl Tuberoses—An improved strain of the Double Pearl; bearing very heavy spikes of largest double flowers, mammoth bulbs. Each 5c, 6 for 25c, per doz 40c, 100 \$2.25.

Tuberoses Albino (Single Flowered)—Branching habit. Price each 5c, 6 for 25c, 12 for 50c.

ZAMIA INTEGRIFOLIA

When in full leaf this noble plant presents a highly tropical appearance, only rivalled by the high priced Sago Palm, which it resembles in appearance.



Excelsior Pearl Double Tuberoses

The foliage is very lasting, remaining on the plants for years, and enduring the heated air of rooms with impunity. Start the dry roots in a sandy soil in a warm place.

Dry Roots, each.....35c

Zephyranthes

The Zephyr flowers or "Fairy Lilies," are gems of rare beauty. Planted in pots, or in the open ground, they produce very beautiful lily-like flowers all summer, and will be greatly admired by all who see them.

Atamasco—Large, pure white. Each 5c, doz 50c.

Rosea—Beautiful, clear rosy pink. Each 5c doz 50c.

Water Lilies

(Nymphæas).

Red Water Lily (N. Devonionsis)..... 75

Blue Water Lily (N. Zanzibar-ensis Azurea)..... 75

Pink Water Lily (N. O. Rosea)..... 75

Giant Water Lily (N. Odorata Gigantea)—3 for 65c; each.... 25

White Water Lily (N. Odorata)..... 25

Parrot's Feather (Myriophyllum)..... 25

SPECIAL OFFER We will send postpaid, one each of the above Water Lilies for..... 2 50

50c. SPRING BULB COLLECTION

Contains 15 splendid Summer Flowering Bulbs which we will send free by mail or express for only **50 cents**:—1 Double Dahlia; 2 Gladioli; 3 Cinnamon Vines; 2 Tuberoses; 1 Milla; 1 Hyacinthus Candicans; 1 Madeira Vine; 1 Tigridia; 3 Oxalis. All the above Bulbs are fully described, and most of them illustrated in the Bulb Department of this Catalogue. **Compare the Retail Prices.**

Snake Lily

(Sauromatum or Amorphophallus Simlense).

A very remarkable flower, 15 inches long, the inside of which is of a peculiar golden color, spotted purple, while the back is of metallic brown. Fine palm-like foliage; large bulbs. 25 cents.

ASPARAGUS



Asparagus Plumosus

SPRENGERI—Especially useful to grow as a pot plant for decorative purposes or for planting in suspended baskets; the fronds are frequently four feet long, of a rich shade of green, and most useful for cutting, retaining their freshness after being cut for weeks. It will make an excellent house plant, as it withstands dry atmosphere, and will succeed in almost any position. Strong plants 20c each, 3 for 50c.

PLUMOSUS NANUS—This graceful climbing Asparagus has to a great extent taken the place of the once popular *Smilax*, in all fine decorations. It possesses the advantage of being much more graceful, its foliage being finer than that of the most delicate fern, and will last for weeks after being cut, the whole plant being of a bright, cheerful green. It is an excellent house plant succeeding under almost any conditions. 20c each, 3 for 50c.

SPECIAL OFFER One each of the two Asparagus Ferns 35c.

Asparagus Sprengeri
The Finest Window Plant

FLOWERING BEGONIAS

Alba Picta—The leaves are glossy green, freely spotted with bright silvery white. 15c.

Argentia Guttata—Upright grower, largely spotted white. 15c each.

Compta—Stems and under sides of leaves red, upper side white and green. 15c each.

Feastii—Low growing, round glossy leaves, pink flower. 15c each.

Incarnata Grandiflora—Rich pink, best winter variety. 15c each.

Manicata Aurea—Large, glossy, green leaves beautifully blotched with creamy white, clear carmine etchings in the matured leaves. 15c each.

Margaritae—Of the style of Metallica but a hardier and better grower 15c each.

Odorata—White sweet-scented. 15c each.

Otto Hacker—Vigorous grower, upright habit, with large, shining deep green leaves. The flowers are borne in immense clusters. Color a beautiful bright coral red. 15c each.

Palmata—Palm shaped leaves, handsome. 15c each.



Begonia—Otto Hacker



Rex Begonia

Paul Bruant—Light pink, glossy fine foliage—good for winter. 15c each.

Pond Lily—Glossy, roundish leaves, pink flowers, mostly in winter. 15c each.

Weltoniensis—Best summer blooming variety—pink. 15c each.

Vernon—Foliage rich, glossy green, often shaded deep bronze. Flowers deep red, changing to a beautiful clear rose in the fully open flower. 15c each.

SPECIAL OFFER

Any Three Varieties for 35c, postpaid.

Any Six Varieties for 65c, postpaid.

REX BEGONIA

(Ornamental Leaved Varieties)

Many improvements have been made in recent years in this useful house plant. Our collection, which contains some 20 varieties, embraces all the good old varieties, as well as the best of recent introduction. (See cut). 20c each, 3 for 50c.



Begonia—Alba Picta

CHRYSANTHEMUMS

STANDARD VARIETIES

While our list of Chrysanthemums is comparatively limited it is composed exclusively of varieties standing at the head of their type and color.

C. Chalfant—Fine early large yellow.

Chas. Davis—Light yellow, suffused rich apricot.

Evangeline—Pure white, very large.

Frank Hardy—Pure white, called the White Good Gracious, incurving petals.

Glory of Pacific—Large, early pink, broad petals.

Golden Wedding—Undoubtedly the grandest golden yellow variety.

Good Gracious—Delicate shade of peach pink.

Ivory—Pure white, a splendid free-flowering variety.

John Shrimpton—Bright, velvety, crimson scarlet.

L. Boehmer—Silvery pink and deep rose, ostrich plume type.

L'Enfant de deux Mondes—Magnificent white, ostrich plume type.

Major Bonnafon—Soft clear yellow, incurved.

Mayflower—Large, incurved, white.

Modesty—Intense yellow, incurved.

Mrs. H. Weeks—White, broad incurved petals.

Mrs. Perrin—True pink, incurved.

Mrs. C. H. Pierce—Soft deep yellow, large flower, straight petals curved at the tip.

Mrs. Henry Robinson—Large early white.

Mad. Bergman—Pure white, large globular flower.

Niveus—A grand snow-white variety.

Western King—White incurved flower, outer petals reflexed.

Wm. H. Lincoln—Magnificent large golden yellow.

Wm. Falconer—Delicate rosy blush, changing to white.

Yellow Fellow—Rich yellow of immense size.

Any of the above list 10c 3 for 25c, 12 for \$1.00. One each of the 24 varieties \$1.80 postpaid.



Chrysanthemum

SURPLUS COLLECTIONS

These Surplus Collections of Plants and Bulbs we are ready to fill by May 25th, and will send plants amounting to not less than \$2 at Catalogue prices and pay postage; if ordered by express we can send many more plants and of larger size; but they are always of our selection.

PRICE \$1.00.

Ready May 25th.



Carnation
"Daybreak"

CARNATIONS

- Alaska**—Very fine, large, pure white.
Anna Webb—Fine crimson, deeply fringed.
Buttercup—Rich golden yellow, with streaks of clear carmine.
Flora Hill—One of the finest whites, large and free flowering.
Ontario—Large bold flower, strong stem, pure white.
Portia—Finest rich scarlet.
Bridesmaid—Bright clear pink flowers of great durability and mammoth size borne on very strong, stiff stems.
Triumph—Pure pink without a trace of purple; very large with long, stiff stems.
Daybreak—A very delicate shade of pink.
J. J. Harrison—White, lightly marked with delicate pink, flowers large and perfect.
Lizzie McGowan—An elegant white variety, large, full and very attractive.
Wm. Scott—Bright, yet delicate rosy pink; full and of good shape.

Any of the above 10c each, 12 for \$1.00

FARFUGIUM GRANDE

(Leopard Plant).

A beautiful ornamental foliage plant for pot culture. The leaves are 8 to 10 inches in diameter, of a thick leathery texture, dark green in color, with bright yellow spots.

25c each \$2.50 per doz.



Farfugium Grande

FUCHSIAS

Mrs. E. G. Hill—Short tube and sepals, bright rich reddish crimson color; corolla extra large, full and double; flower of the largest size.

Wave of Life—Golden foliage, crimson tube and sepals; fine purple corolla.

Black Prince—Bright waxy carmine, pink corolla.

Molesworth—Best double white.

Arabella—White tube and sepals, rose corolla; early.

Mad. Bruant—One of the most double; sepals bright red; corolla rosy heliotrope, marked and veined with rose.

Rose of Castile, Improved—White, with violet centre.

Speciosa—Flesh color sepals, red corolla. Finest of all for winter flowering. Each 15c, 3 for 35c, doz \$1.25.

Any of the above 15c each, 2 for 25c.

One each of the above eight varieties for 90c, postpaid.



Fuchsia Phenomenal

SURPLUS COLLECTION

These Surplus Collections of Plants and Bulbs we are ready to fill by May 25th, and we will send plants amounting to not less than \$2.00 at catalogue prices and pay postage; if ordered by express we can send many more plants and of larger size; but they are always of our selection.

Price \$1.00. Ready May 25th

CACTI

Cereus Colubrinus—Quick tall grower, fine white flowers, blooming at night, followed by fruit color and size of an orange. Each 15c to 25c.

Cereus Grandiflorus (Night Blooming Cereus)—Large white, delicious perfume. Each 15c.

Echinocereus Candicans (Rainbow Cactus)—Plant is covered with delicate spines, in color from creamy white to deepest red, flowers rainbow-like, colors being in circles, from magenta to white and then to bright green. Each 25c.

Echinocereus Cespitosus—The beautiful lace Cactus, plant delicately covered with lace-like spines, flowers crimson purple. Each 15c.

Echinopsis Mulleri—Rapid grower of globular form, flowers double of a satiny rose color. Each 15c.

Epiphyllum Russellianum (Crab Cactus)—Beautiful drooping habit, bearing its fine crimson flowers, at the end of every leaf. Each 15c.

Opuntia Vulgare (Prickly Pear Cactus)—Branches flat and round on the edge of which are borne its rich golden yellow flowers. Each 15c.

Opuntia Frutescens—Rapid grower, slender upright stems, heavily spined, blooms profusely followed by red fruit. Each 15c.

Opuntia Microdasys—The branches are beautifully spotted with tufts of golden yellow. Flowers numerous and bright golden yellow. Price 15c.

Phyllocactus Ackermanni (The King Cactus)—A very profuse bloomer of the flat leaved variety. Flowers satiny scarlet, about the size of a large cup, and lasting several days. Price 15c.

Phyllocactus Anguliger—The heavy fleshy leaves deeply notched, on the edges. The flowers are magnificent, pure white and last some time. A rare sort seldom found in collections. Price 15c.

Stapelia Variegata—A good plant for a hanging basket, will hang down a foot on all sides and grows quickly. Is easily managed and bearing a very odd, beautiful star-shaped flower of a leathery texture, Color buff yellow with maroon markings. Price 15c.



Cactus

One of each of the above \$1.75.

Book entitled "Hints on Cacti," - - Price 20 cents.

COLEUS

Our list includes the best varieties that are grown, plants strong and well-grown, sure to give best satisfaction. We will give special prices for large quantities for bedding.

Price—Each 10c, 6 for 50c, per doz 90c, per 100 \$5.00.

GERANIUMS

DOUBLE AND SEMI-DOUBLE GERANIUMS

Adrienne Carnet—Light rosy red, shaded magenta, fine bedder.
Alphonse Ricard—Brilliant orange red, large flower and truss.
Beaute Poitevine—Very large, semi-double, brilliant salmon.
Comtesse de Harcourt—Finest double white.
Emile Girardin—Bright pink, best of its color.
General Grant Bruant—Color light vermillion red, flowers perfect in shape and color; trusses exceptionally large.
J. J. Harrison—Most brilliant scarlet flowers of immense size.
La Favorite—The trusses are very large, flowers beautifully formed, of the purest white.
Madame Julien—Salmon and white, very fine.
S. A. Nutt—The best rich dark crimson variety. A fine bedder.
 Any of the above 10c each, 6 for 55c, per doz. \$1.30.

SINGLE GERANIUMS

Lady Reed—Light salmon, best of its color.
L'Aube—Immense pure white.
Mad Bruant—White veined and edged purplish pink, good bedder.
Mrs. J. M. Gaar—The finest of the single white bedders. Semi-dwarf.
New Life—Bright scarlet striped white.
Sam Sloane—Dark scarlet, "The scarlet Bedder."
Vesuvius—Bright scarlet, very dwarf and free blooming.
Wm. Jacoby—Rich deep crimson.
 Any of the above 10c each, 3 for 25c, per doz. \$1.00.

SILVER-LEAVED GERANIUM

Mad. Sallerol—A very compact variety of Silver Geranium; very fine for massing or bordering; a thrifty, healthy grower, rarely reaching a height of more than 6 inches; leaves very small, of a peculiar clear green, edged with pure white.
Assorted Varieties Silver-Leaved Geraniums—10c each, 3 for 25c. \$1.00 per doz.



Single Geranium, Mad Bruant
IVY GERANIUMS

The double Ivy Geraniums are remarkably popular at present and deservedly, for the new Hybrids in richness of color surpass all Geraniums.
Beauty of Castlehill—Beautiful soft red, extra large.
Berthelot—Magenta.
Jeanne d'Arc—Fine habit, the best double white.
Roi de Wurtemberg—Scarlet.
Souv. de Chas. Turner—Flowers of a deep pink shade, feathered maroon in upper petals.
Theodore—Dark red.
 Any of the Above 15c each, 2 for 25c, 6 for 65c.



Boston Fern

FINE FERNS

We can supply a very choice selection of Ferns, such as Adiantums, Pteris, Davallia Stricta, and many others, specially suited for indoor culture, which we offer at 25c. each; \$2.50 per doz. postpaid.
Boston Fern—Long, graceful fronds, eighteen to twenty inches, hardy; increases rapidly; you can soon "give a slip" to ten friends. Each 25c. Larger plants 50c, 75c, and \$1.00, by express.

Hydrangeas (Fine Plants)

The Hydrangeas are well-known favorites, grown as pot plants, their immense heads of bloom make them very conspicuous. A little shade and plenty of water meet all their needs.
Hydrangea Paniculata—See Hardy Shrubs, page 78.
Otaksa—A Japanese variety lately introduced; beautiful large glossy foliage, large heads of pink flowers. 20c each, 3 for 50c.
Otaksa Monstrosa—Intense rose, shaded white; borne in large clusters; quite small plants bearing blooms of the most enormous size, and which are very lasting in quality. 20c each, 3 for 50c.
Thos. Hogg—Large pure white flowers, which, on well-grown plants, measure more than twelve inches in diameter. 20c each, 3 for 50c.

Heliotropes

Their rich tints of lavender blue and purple, and exquisite vanilla perfume are familiar to all.
 10c each, 3 for 25c, doz \$1.00.

Manettia Vine

A charming and profuse flowering climber, producing tubular flowers from 1 to 2 inches in length, the plant being literally covered with them the entire season. The coloring of these flowers is gorgeous in the extreme, being a flame color tipped with bright yellow. 15c each, 2 for 25c.
Swainsonia Galegifolia Alba—A most desirable ever blooming plant, with pure white flowers, produced in sprays of from 12 to 20 flowers each, the individual blooms resembling a sweet Pea. As a decorative plant for the window or conservatory we know of nothing that will give as much satisfaction as the Swainsonia. 15c each, 2 for 25c.

PALMS SPECIALLY GROWN FOR HOUSE CULTURE

LATANIA BORBONICA (Fan Palm)—This fine Palm is too well known to need any extended description, its strong constitution and other grand characteristics render it one of the most popular Palms grown.

Price, fine plants—4 inch pots, 4 to 5 leaves.....		\$0 50 each.
5 " " 4 to 5 " 18 inches high.....		90 "
6 " " 5 to 6 " 18 to 20 inches high.....		1 50 "
7 " " 6 leaves, 24 inches high.....		2 00 "
Specimen plants, 7 character leaves, 36 inches high.....		4 50 "

KENTIA BELMOREANA—The Kentias are among the best of the Palm species for general cultivation, being almost impregnable against diseases. The variety shown in the engraving is one of the best in its class, graceful habit, bright green foliage, gracefully disposed; as a decorative plant for the window, table or conservatory it scarcely has an equal. (See cut). Price, from

Pots.	Leaves.	High.	Each.	5 in.	5 to 6	22 to 24 in.	\$1 75
3 in.	4 to 5	10 to 12 in.	\$0 50	6 in.	6	24 to 26 in.	2 50
4 in.	5 to 6	15 to 18 in.	1 00	7 in.	6	30 in.	3 50

ARECA LUTESCENS—One of the most valuable and beautiful Palms in cultivation; bright, glossy green foliage and rich golden yellow stems. 50c to \$3.00 each.
COCOS WEDDELIANA—The most elegant and graceful of all the smaller Palms, as they are of slow growth and maintain their beauty for a long time. 4 to 6 inches 35c each, 8 inches high 50c each.



Kentia Belmoreana



Cocos Weddelliana

ANNUALS

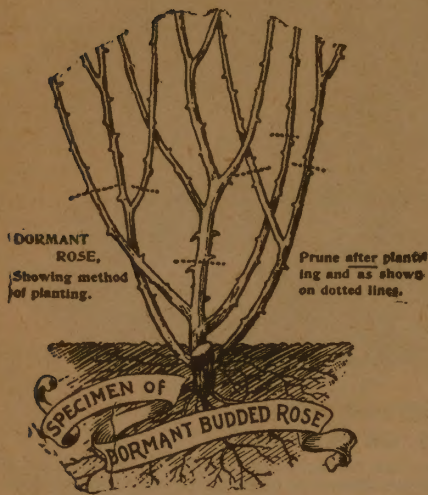
We can also supply the following annuals, grown from our own Select Seed. Good strong plants.

ASTERS,
BALSAMS,
PHLOX,
ZINNIAS,
MARIGOLDS,
STOCKS,
VERBENAS,
SNAPDRAGONS,
PETUNIAS.

Per doz. 20c, postpaid.
 Larger quantities, price on application.

HARDY ROSES

Low Budded on Briar Stocks



The illustration shows the character of the plants we supply; also the method of planting and pruning them after being planted. If planted as shown in the illustration, these Roses, although budded, will emit roots where the true Rose joins the Briar stock, and will eventually become established on their own roots. The great value of these budded Roses lies in the fact that they produce better flowers and make stronger plants in a shorter period than those grown from cuttings; and the advantage is that having no soil on the roots and being dormant, they are of little weight and can be sent cheaply by post or express.

HYBRID PERPETUAL ROSES

- Alfred Colomb**—A splendid rose; large, globular, full and very sweet; bright, clear cherry red, shaded with crimson.
- American Beauty**—The flowers are very double, of a deep crimson color, and very fragrant.
- Baron de Bonstettin**—Dark red almost black; very large, double fragrant flowers; a strong grower.
- Baroness Rothschild**—A magnificent rose, color rich satiny pink.
- Capt. Christy**—A lovely rose, blooming almost the entire season; very large double buds of deep flesh color.
- Coquette des Blanches**—Pure white large and globular.
- Duchess of Albany**—Rich deep pink.
- Fisher Holmes**—Rich velvety crimson, large double; and of fine form; a splendid rose.
- General Jacqueminot**—Brilliant scarlet crimson.
- Gloire de Margottin**—Dazzling scarlet.
- John Hopper**—Bright rose, carmine centre; flowers large, cupped and well formed.
- Jules Margotten**—Bright carmine, cupped; very fragrant.
- La France**—Splendid satin rose; very large full fine form; a constant bloomer.
- Louis Van Houtte**—Dark velvety crimson of good form.
- Marshal P. Wilder**—Cherry carmine, large, full, semi-globular flower of fine form.
- Mabel Morrison**—Pure white; in autumn faintly flushed with pink; a lovely and distinct rose.
- Marchioness of Londonderry**—Ivory white petals, of great substance, shell-shaped and reflexed, highly perfumed.
- Mme. Gabriel Luizet**—Fine satiny rose; very large and full.
- Magna Charta**—Bright pink, suffused with carmine; a beautiful rose; strong, vigorous grower.
- Margaret Dickson**—The flowers are of the purest white, of extra large size and of immense substance. It is a strong, vigorous grower with fine large foliage.
- Merveille de Lyon**—Pure white, shaded with satiny rose.
- Mrs. John Lang**—Delicate pink, with satiny tinge.
- Paul Neyron**—Very large dark red, an old favorite.
- Prince Camille de Rohan**—Deep velvety crimson maroon, shaded scarlet.
- Walrich Brunner**—Large bright cerise red.
- White Baroness**—Pure white.

Extra Heavy Two-year-old Bushes 30c each. \$3 per doz.

TWELVE SELECT HARDY GARDEN ROSES

Baron de Bonstettin
Coquette des Blanches
Duchess of Albany
General Jacqueminot
John Hopper
Madame Gabriel Luizet

Margaret Dixon
Marshal P. Wilder
Magna Charta
Paul Neyron
Prince Camille de Rohan
Ulrich Brunner

For description as to color, etc., see Hybrid Perpetual list of Roses.

Strong Flowering Two-year-old Bushes 30c each. \$3 per doz.

12 SELECT EVER-BLOOMING HYBRID TEA SUMMER ROSES

That will produce a mass of Roses to cut from the entire season.

Augusta Victoria—Large creamy, white flower, shading deeper towards the centre.

Camoens—Bright glossy rose shaded yellow, very effective.

Clothilda Soupert—The flowers of this beautiful variety are of a unique color, being of a pearly white, shaded at the centre with silvery rose, and are produced in the greatest profusion.

Etoile du Lyon—Fine striking sulphur yellow; the most valuable yellow for summer bedding.

Gloire des Polyantha—Bright rose with white centre, very free bloomer.

Hermosa—Undoubtedly the best pink bedding rose in cultivation.

Mme. Caroline Testout—A magnificent Rose, equally valuable for summer or winter winter blooming; flowers full, very large, globular form; color clear satin rose; very fragrant. This variety resembles Lafrance, but its color is more deep, vivid and brilliant.

Maman Cochet—It is an extra strong, clean, vigorous grower, producing its charming buds and flowers in the greatest profusion. Its color is of a deep rose pink, the inner side of petals silvery rose. They are borne on long, stout stems, very double and simply exquisite when in bud or half bloom.

Marquise de Salisbury—Brilliant, velvety red, very desirable.

Papa Gontier—One of the finest Roses either for out-of-doors or for winter forcing; dark carmine crimson.

Safrano—Saffron yellow.

Viscountess Folkestone—Creamy pink, salmon centre, large and fragrant.

Strong Flowering Two year-old Bushes 40c each,
\$4 per doz.



Maman Cochet



Rose "Margaret Dickson"

HARDY CLIMBING or PILLAR ROSES

The following list comprises the best of the hardy Roses which are of climbing habit, and suitable for training on pillars, verandas, etc.

- Aimee Vibert**—A good rose. Pure white, very full.
Chas. Lawson—Vivid rose, large and full.
Felicite Perpetue—Creamy white, beautiful.
Flora—Rosy flesh color.
Myrianthes Renoncule—Blush, edged with rose, an evergreen variety.
Reine Marie Henriette—Rich cherry crimson.
Sweet Briar—True old English, rosy pink.
Vivid—Vivid crimson, very showy, a fine climbing rose.
White Microphylla—Very free bloomer.
W. A. Richardson—Orange yellow, entirely new shade, very desirable.
Yellow Persian—Bright golden yellow, hardy yellow climbing rose.

**Strong two year old flowering bushes plants, 35c each
 \$3.60 per doz.**

DAMASK ROSES

These four old roses should be in every garden. Though they bloom but once a year, their fragrance, beauty, size, perfect hardiness, and the abundance of flowers they produce make them indispensable.

- Cabbage, or Provence**—Rosy pink flowers.
Madame Hardy—Beautiful large double white flowers.
Madame Plantier—Pure white, and a free bloomer; unrivalled for hedges or cemetery use.
White Provence—Pure white, delightfully fragrant.

**Strong two year old flowering bushes, 35c each; the set
 of 4 for \$1.25.**

MOSS ROSES

A class of Roses which is a general favorite. The beauty of the flowers consists in the delicate mossy covering which surrounds the bud, and which gives to the opening flower a unique appearance. The varieties listed comprise the best of this section, and are all perfectly hardy.

- Blanche Moreau**—Lovely pure white, large and full.
Comtesse de Murinais—Large white, beautifully mossed.
Crested Moss—Deep pink, crested.
Glory of Mosses—Color rich glossy pink, tinged crimson.
Salet—Bright pink, blush edge, large and full, mossy.
Mrs. Wm. Paul—Clear rosy.
Nuits de Young—Velvety purple, very double.

**Strong two year old flowering bushes, 40c each; set
 of 7 \$2.25.**

LORD PENZANCE'S HYBRID SWEET BRIARS

These are crosses between the Common Sweet Briar and various *old-fashioned* Garden Roses; the flowers are single or semi-double. The plants perfectly hardy, and the foliage is as sweetly scented as the common Sweet Briar.

- Amy Robsart**—Lovely deep rose, an abundant bloomer, robust and free.
Anne of Gierstein—Dark crimson, graceful branching habit.
Lady Penzance—Beautiful soft tint of copper, with a peculiar metallic lustre; the base of each petal is a bright yellow, very free flowering, with a delicious perfume from foliage and flower.

Lord Penzance—Soft shade of fawn or ecru passing to a lovely lemon yellow in the centre, sometimes toned with a most delicate pink, very sweet-scented.

Lucy Ashton—Pretty white blooms with pink edges, not so large as some others, wonderfully free flowering; free grower, foliage very sweet.

**We offer strong two year old budded plants of the above at 40c each
 the set of 5 for \$1.75**

ROSES FOR CEMETERY PLANTING

- Camoens**—Bright glossy rose, shaded yellow.
Marquise des Salisburys—Brilliant velvety red.
Clothilde Soupert—The flowers of this beautiful variety are of a unique color, being of a pearly white, shaded at the centre with silvery rose, and are produced in the greatest profusion. It makes a fine plant, either for pot culture or outdoor planting.
Magna Charta—Bright pink, suffused with carmine; a beautiful rose and a strong vigorous grower.
Coquette des Blancches—Pure white, large globular flowers.

Strong two year old flowering bushes, each 40c; per doz \$4.00.

THE 4 RAMBLERS



These climbing Roses are of vigorous growth making shoots from 8 to 10 feet in height during a season, and are consequently most desirable climbing varieties; when pegged down or grown bushes, marvellous heads of bloom are the result. They are exceedingly hardy. The flowers are produced in large trusses of pyramidal form.

Crimson Rambler—strong bushes at 25c each; \$2.50 doz.
 Extra strong two year old bushes at 40c each; \$4.00 doz.

Yellow Rambler (Aglaia)—Extra strong two year old bushes 40c each; \$4.00 doz.

White Rambler (Thalia)—Extra strong two year old bushes 40c each; \$4.00 doz.

Pink Rambler (Euphrosyne)—Similar in habit to the White and Yellow Ramblers, except in color, which is a pure rose color, the partially open

The Crimson Rambler

buds being bright carmine. The numerous yellow stamens lend an additional charm to the flowers. Strong two year old bushes, 40c each, \$4.00 per doz.

SPECIAL OFFER—One each of the 4 Ramblers extra strong bushes for \$1.35.

THE MEMORIAL ROSE (Rosa Wichuriana)

A beautiful single Rose from Japan. Blooms in clusters. Flowers fragrant, single, pure white, from 6 to 8 inches in circumference, with yellow stamens, followed in fall and winter with bright red fruit; prostrate trailing habit. Valuable for covering low walls, banks or rockeries, and for covering graves in cemeteries. It is perfectly hardy, Extra strong plants 40c each; \$4.00 per doz.

ROSE RUGOSA

The lovely Romanas or Rugosa Roses form sturdy bushes 3 to 5 feet in height, covered with glossy foliage, and clusters of beautiful single flowers, which emit a delightful odor. They bloom nearly the whole summer, and are covered during autumn and winter with red seed pods. **Rosa Rugosa**—Fine glossy crimson. **Rugosa Alba**—Pure white. Extra strong plants 40c each; \$4.00 per doz.

MARECHAL NIEL (Noisette)

A rose so famous as to hardly need a description here. The most beautiful large, golden yellow grown; very full and double and exceedingly fragrant. It is a natural climber, and should not be pruned too short. We keep several sizes; the largest size give the most satisfactory results. Two year old plants each 60c; 3-year plants, 8 to 12 feet long, each \$2.50.



Lord Penzance's Sweet Briars

HARDY PERENNIALS

The tide of popular favor has turned decidedly towards these most useful of all plants. PERFECTLY HARDY, once planted will last for years, increasing in size and beauty. They are no doubt the plants of the future. The following sorts have been selected with the greatest care; we think no better can be found.

Achillea, The Pearl—The flowers which are borne in the greatest profusion the entire summer on strong, erect stems, are of the purest white, somewhat resembling a Pomponé Chrysanthemum. Each 20c, per doz \$2.00.

Achillea, Serrata, fl. pl.—Flowers double and of very pure white, leaves deeply cut, blooms later than "Pearl," therefore very useful for cutting. Each 20c, per doz \$2.00.

Anemone Japonica—One of the most beautiful of the hardy herbaceous plants. They commence to open their very rich colored single blooms in August, and continue to increase in beauty until cut by frost. Each 20c, per doz \$2.00.

Anemone Whirlwind—A new semi-double form of A. J. Alba. In general style and habit it is identical with the white Anemone. It is of the same strong habit of growth, and is even more free-flowering than the original type. The flowers which are 2½ to 3 inches across, have several rows of pure white sepals, and have the advantage of lasting much longer than the single varieties. (See Illustration.) Each 20c, per doz \$2.00.

Anthericum Liliastrium (St. Bruno's Lily)—A beautiful plant with narrow, grass-like foliage, and long spike of white, fragrant, lily-like flowers. Each 20c, per doz \$2.00.

Aquilegia Chrysantha (Yellow Flowered Columbine)—Grows two and a-half feet high, forming a bush two or three feet across, which is covered for two months with golden yellow flowers with long spurs; one of the most distinct of the family. Each 20c, per doz \$2.00.

Delphinium Formosum (Perennial Larkspur)—This is certainly one of the handsomest and most satisfactory of all the hardy herbaceous plants and should be planted extensively, even in the smallest gardens; its long spikes of bright blue flowers are produced from June until frost. Each 20c, doz \$2.00.

Dianthus (in variety)—Each 20c, per doz \$2.00.

Digitalis (Foxglove)—Stately growth, fine for shrubberies and other half-shady places; 3 feet. Each 20c, per doz \$2.00.

Doronicum excelsum—A strong growing perennial, with large heads of bright yellow flowers 3 to 4 inches in diameter. Each 25c, per doz \$2.50.

Eulalia Japonica Zebrina (Zebra Striped Grass)—A remarkable variegated plant having bars of yellow running crosswise, not longitudinally as in the ordinary form of variegation; easily grown. Each 25c, per doz \$2.50.

Funkia Alba (Day Lily)—Pure white lily-shaped, fragrant flowers, borne in large clusters. Each 25c, doz \$2.50.

Houchera Sanguinea—A most desirable perennial, of dwarf, compact branching growth and robust constitution, growing about 2 feet high. The flowers are produced in loose, graceful spikes and come in the greatest profusion. In color it varies from light coral red to crimson. Each 20c, per doz \$2.00.

Hemerocallis Flava (Lemon Lily)—Lemon colored flowers, excellent for planting among shrubbery. Each 15c, doz \$1.50.



Digitalis



Correopsis
Lanceolata

Arabis alba compacta—An edging or bedding plant, foliage prettily variegated. Each 20c, per doz \$2.00.

Bleeding Heart (Diclytra Spectabilis)—These pretty spring bloomers, with their graceful drooping sprays of heart-shaped flowers, are very ornamental, and bloom freely in early spring. The plants, being hardy, increase in size from year to year. Each 15c, 3 for 40c, doz \$1.50.

Clematis Davidiana—A shrubby, upright plant, from two to four feet high, with fresh, bright foliage; leaves grow in whorls around the stem. Flowers are long, tubular, bell-shaped, very distinct, deep lavender color, and of delicious fragrance. Each 25c, per doz \$2.50.

Correopsis Lanceolata—(See Illustration)—This golden Correopsis begins to flower early in June and continues to flower until cut down by severe freezing weather; it is continually one mass of golden yellow. The flowers, which are of graceful form, are invaluable for cutting or decorative purposes; it is easily grown, perfectly hardy and succeeds in any position; once planted takes care of itself. We offer large, strong clumps which will flower first season, at 20c each, doz \$2.00, per 100 \$14.00.

Correopsis "Harvest Moon"—New, flowers larger than C. Lanceolata, perfectly round, pure bright yellow. Each 25c, doz \$2.50.

Dianthus Plumarius Stanislaus—Of dwarf, compact habit, blooming perpetually the entire summer; violet rose with deep crimson centre. Each 20c, per doz \$2.00.

Dictamnus Fraxinella—A very showy border perennial, forming a bush about 2½ feet high, having fragrant foliage and spikes of curious red flowers, giving off during hot weather a fragrant, volatile oil, which explodes when a match is applied to it. Each 25c, per doz \$2.50.

Gaillardia Grandiflora—See Illustration—The flowers are large, very numerous, produced on long stems and excellent for cutting, and of the most gorgeous coloring. The centre is dark red brown, while the petals are variously marked with rings of brilliant scarlet crimson, orange and vermilion, and often a combination of all these colors in one flower. Each 20c, 6 for \$1.00, 12 for \$2.00.

Helianthus Multiflorus, fl. pl. (Double Hardy Sunflower)—See Illustration—An extremely useful, hardy plant; it bears profusely large double flowers of a bright yellow color, which remain in perfection a long time. Each 20c, doz \$2.00.

Hibiscus (Perennial Mallow)—The flowers which are produced freely from July to September, are 6 to 8 inches in diameter, and vary in color from pure white to deep rose. The plants grow from 5 to 8 feet high and form dense bushes, which are a complete mass of bloom. Each 25c, per doz \$2.50.

Hypericum Moserianum—A new evergreen shrub 2½ feet high which is covered with large flowers from May until fall. They are about 2½ inches in diameter, resembling in shape those of Rosa Polyantha but are of the richest pure golden yellow imaginable while the petals are of great substance. It is really an EVER BLOOMER. Plants 2 feet high and bushy. (See cut.) Each 20c, doz \$2.00.



Hypericum Moserianum



Anemone Whirlwind



Gaillardia
Grandiflora

NOTE—Our Perennials are not small cheap plants, but strong clumps and roots, sure to bloom the first season, and therefore cheaper in the end.



Double Hollyhock

ginning of June to October. Mixed colors, **Lychnis Chalcedonica**—Produces head of vermilion scarlet flowers, exceeding in brilliancy many double Geraniums. Each 20c, doz \$2.00. **Lychnis Plonissima Semperflorens**—This new flower is exceedingly pretty, of a beautiful tender rose color, and is produced on long bushy spikes. It is very pretty for bouquets or for corsage, and we recommend all our friends to try a plant. Price 20c each, doz \$2.00.

IRIS (Fleur-de-Lis)

Japan Iris (Iris Kämpferi)—In beauty, size of flower and richness of coloring, these Irises are grand, the flowers averaging from 6 to 8 inches across, the prevailing colors being white, crimson, rose, lilac, lavender, violet, and blue. A golden yellow blotch, surrounded by a halo of blue or violet, at the base of petals, intensifies the wealth of coloring. The Japan Iris is perfectly hardy. Named varieties. Price 20c each, 3 for 50c, per doz \$2.00.

Mixed Varieties—Strong roots 15c each, 3 for 40c, doz \$1.50.

Iris Germanica—German Irises are certainly unparalleled for beauty: nothing in creation can vie with them, unless the orchids from the tropics. Every shade of color may be found among them, and they will thrive in almost any soil without any care whatever. Strong roots 10c each, \$1.00 a doz.

HERBACEOUS CHINESE PÆONIES

Magnificent, hardy plants, almost rivalling the rose in brilliancy of color and perfection of bloom. Some of the varieties are very fragrant. They

DOUBLE HOLLYHOCKS

Hollyhocks are among the finest permanent garden plants, as being entirely hardy in most places and free growing, they make a great display with little or no care. We offer them in the following shades, which are the leading colors grown:—Double White, Yellow, Pink, Crimson and Scarlet. Price for two-year old plants 20c each, per doz \$2.00. We can also supply good plants at 15c each, \$1.50 per doz.

Iceland Poppies—These Poppies range in color from the purest satiny white and yellow to the deepest glowing orange-scarlet, and have a delicious lilac-like fragrance. A profusion of bloom is produced in never ceasing succession from the beginning of June to October. Each 20c, doz \$2.00.



Pyrethrums, Double—Hardy Chrysanthemums, in beautiful double varieties. Each 25c, doz \$2.00.

Pyrethrums, Single—Hardy Chrysanthemums in beautiful single varieties. Each 25c, doz \$2.50.

Pyrethrums, Uliginosum—Pure white Aster like flowers, about 3 inches in diameter; blooms in summer and autumn. Each 20c, doz \$2.00.

Rudbeckia, "Golden Glow"—It is of fine habit and vigorous growth, attains a height of from 4 to 6 feet, and begins to flower early in the season, and continues until late in the fall. The flowers are produced in enormous quantities on long stems and resemble a fine double golden yellow Cactus Dahlia; and as a cut flower for vases, etc., it has no equal. 20c each, \$2.00 per doz.

Sweet William—Mixed colors. Each 15c, doz \$1.50.

Tritoma Uvaria—Often called the "Torch Lily" or "Red Hot Poker," on account of its dense spikes of flame-colored flowers. It blooms in August, and is very striking when planted singly on the lawn. Does well planted near water or in any rich soil. Each 20c, 3 for 50c, doz \$2.00.



Double Rudbeckia "Golden Glow"

Violet, California—The finest single violet. The flowers, which are very large, are borne on long, stout stems, which makes it especially valuable for cut-flower purposes; they are intensely fragrant and of a clear violet purple color that does not fade. Plants 15c each, \$1.50 per doz.

Violet, Double Russian—A perfectly hardy double blue violet, deliciously fragrant, deep in color, and very free flowering. Each 20c, doz \$1.50.

Violet, The Farquhar—An exquisite new ever-blooming violet, with very double long stemmed flowers of an intense deep color. Each 20c, 4 for 60c, \$1.50 per doz.

We can also supply the following very select Perennials:

Campanula (Canterbury Bells)—Each 20c, doz \$2.00.

Delphinium—In 12 varieties. Each 25c, doz \$2.50.

Eulalia Japonica—Each 25c, doz \$2.50.

— **variegata**—Each 25c, doz \$2.50.

— **gracillima**—Each 25c, doz \$2.50.

Gypsophila Paniculata—Each 25c, doz \$2.50.

Helianthus lactiflorus—Each 20c, doz \$2.00.

Mycosotis Palustris—Each 20c, doz \$2.00.

Papaver bracheatum—Each 25c, doz \$2.50.

Phlox amoena—Each 20c, doz \$2.00.

Polyanthus—Each 20c, doz \$2.00.



Perennial Phlox

are perfectly hardy, require little or no care, and produce larger and finer blooms when well established.

Double White—Each 25c, 5 for \$1.00, per doz \$2.00.

Double Rose—Each 25c, 5 for \$1.00, per doz \$2.00.

Finest Double Mixed—Each 25c, 6 for \$1.00, doz \$1.75.

TREE PÆONIES

Instead of dying down to the ground every winter, like the herbaceous variety, it grows into a hard wooded shrub. The flowers are the same in form as the common variety, but of a light pink or bluish color. Strong plants 75c.

PHLOX

Their large and very brilliant trusses of beautiful flowers comprise all shades of color, from white to crimson, striped and mottled. Divide and replant in freshly prepared soil each alternate year. They delight in sunny situations and a rich soil. Each 15c, doz \$1.50.



Double Herbaceous Pæonies

SPECIAL OFFER

We will supply from the above list, our selection choicest kinds, one dozen plants for \$2.00.

Or we will supply from the above list, our selection ordinary kinds, one dozen plants \$1.50.

CLEMATIS

LARGE FLOWERING VARIETIES

Henryi—Creamy white, large and handsome.

Duchess of Edinburgh—The best of the double pure whites, deliciously scented.

Gypsy Queen—Very finest purple variety; strong, free bloomer.

Boskoop Seedling—Large lavender.

Jackmanni—Most popular variety. Dark royal purple; mass of bloom.

EACH 60c. PER DOZ \$7.00.

PANICULATA—A Japanese plant recently introduced to this country and possessing unusually attractive merits. A vine of very rapid growth, quickly covering trellises and arbors with handsome, clean, glossy green foliage. The flowers are of medium size, pure white, borne in immense sheets, and of a most delicious and penetrating fragrance. These flowers appear in late September, at a season when very few other vines are in bloom, being an added merit of great consequence. The extreme rapidity of its growth, the showy foliage, beautiful and fragrant flowers borne so very freely, and its late blooming nature, united with an entire hardiness, serve to make this one of the very choicest of recent introductions. Good strong plants, each 25c; 5 for \$1.00; 3-year-old plants each 50c.

Flammula "Fragrant Virgin's Bower"—This is an old and well-known species; flowers pure white, deliciously fragrant. The plants attain the height of 20 feet, and when trained on trellis work, and in full bloom, look like a mass of snow. The odor is perceptible at a distance of 200 yards. Hardy; each 30c, per doz \$3.00.

Clematis Virginiana—A rapid, strong-growing variety, producing a profusion of white flowers during July and August. Each 30c, 4 for \$1.00.

HARDY PASSION FLOWER.

Constance Elliott—An excellent climbing vine. The flowers are large, remarkably handsome and attractive, highly perfumed. Color, pure ivory white with raised centre. Hardy in open ground if given a light covering of leaves or litter during winter. Each 25c, doz \$2.50.

BIGNONIA (Trumpet Creeper)

For covering unsightly places, stumps, rock-work or planting in crevices in ledges, the Bignonias will be found very useful. The flowers are large, attractive and showy, and borne profusely when the plant attains a fair size.

Grandiflora—Large-flowered Trumpet Creeper, bearing blooms of orange red color. Each 50c.

Radicans—Dark red, orange throat; free-blooming and very hardy. Each 30c., 4 for \$1.00, doz \$3.00.

COBÆA SCANDENS

A beautiful climber of rapid growth, bearing large, purple, bell-shaped flowers. Large plants each 20c, 3 for 50c.

HONEYSUCKLES

Monthly Fragrant (Halleana)—Beautiful variegated flowers; blooms all the summer. Strong plants, each 50c.

Scarlet Trumpet—A strong, rapid grower; bright scarlet flowers, blooms all the summer. Strong plants, each 50c.

Yellow Trumpet—A very robust rapid grower; yellow flowers, blooms all the summer. Strong plants, each 50c.

VIRGINIA CREEPERS

A very well known rapid grower; like the Bignonia and Ivy it throws out roots at the joint by which it fastens itself to anything it touches. Small plants each 20c, large strong plants each 40c, per doz \$4.50.

CHINESE WISTARIA

This is one of the most popular of our hardy vines, growing very rapidly, climbing to a height of 50 feet or more, when in bloom is truly magnificent. It flowers in early spring in long, drooping racemes, resembling in size and shape a bunch of grapes.

Blue—Flowers in clusters, pale blue, sometimes gives a second crop of flowers in fall. Strong plants, each 50c.

White—Flowers in long drooping clusters, as in blue varieties, pure white color most striking. Strong plants, each 50c.

ORNAMENTAL SHRUBS

Almond, Dwarf Double-flowering (Amygdalis)—Well-known, covered in spring with pink flowers like double roses; showy.

Barberry (Berberis Vulgaris)—Handsome yellow flowers and pink fruit, good for preserving.

Barbery, Purple-leaved (Berberis Vulgaris purpurea)—A handsome variety with purple foliage, very ornamental and distinct.

Burning Bush (Euonymus Europæus)—Pods covered with scarlet seeds during autumn and winter.

Clethra Alnifolia (Sweet Pepper Bush)—White fragrant flower spikes.

Deutzia, Gracilis—Slender branches, pure white flowers.

Deutzia Crenata—Double white flowers tinged red.

Filbert, Purple-leaved—Remarkable purple leaves, distinct and fine.

Fringe Purple, or Smoke Tree (Rhus cotinus)—Has very curious bloom, when covered with dew, resembles a cloud of smoke or mist.

HYDRANGEA PANICULATA GRANDIFLORA—This is the finest hardy shrub in cultivation and endures heat and cold extremely well. The flowers, which are borne in dense pyramidal panicles in the greatest profusion, are white when they first open but gradually change to rose color and remain in good condition for weeks. Price, 1st size 75c, 2nd size 50c, 3rd size 25c.

Honeysuckles, Tree-shaped—Several varieties; desirable shrubs with handsome dense foliage, and covered in May with a profusion of delicate small flowers, followed by rich orange-colored berries.

Lilac White, Red and Purple (Syringa Vulgaris)—Well-known handsome large shrubs. Flowers in clusters, exceedingly fragrant and beautiful.

Lilac, White Persian—Slender growing shrubs, more delicate and graceful than the above; white flowers, very handsome and fragrant.

Privet—A handsome shrub, with spikes of white flowers in June, and clusters of black berries like currants; makes a beautiful hedge.

Prunus Trilobata—A new large shrub from China, with slender branches and pink flowers in profusion.

PRICE—Extra Strong Bushes Each 50c; Per doz \$5.00.



Clematis Paniculata

Clematis Coccinea—A very handsome, hardy climber, bearing thick bell-shaped flowers of a bright coral red color; blooms with wonderful profusion from June until frost. 25c each, 4 for 90c.

Clematis Crispi—A very beautiful species, bearing an abundance of pretty bell-shaped, fragrant, lavender flowers with white centre. Blooms from June until frost. 25c each, 4 for 90c.

ENGLISH IVY

A splendid evergreen, well-known climber, glossy green leaves, clings firmly to stone or brick walls. Each 25c, doz \$2.50.

ARISTOLOCHIA SIPHO

Dutchman's Pipe—A vigorous growing vine with heart-shaped leaves and curious pipe-shaped flowers; one of the very best climbing vines known, hardy, rapid grower, best for porches, verandahs and sides of dwellings. 1st size, each 50c, doz \$5.00; 2nd size, each 30c, doz \$3.50.

BOSTON IVY

Ampelopsis Veitchii (Boston Ivy)—A beautiful hardy climbing plant of Japanese origin. This is one of the finest climbers we know for covering walls, as it clings firmly to the smoothest surface, covering it evenly with the overlapping leaves which form a perfect mass of foliage. The color is a fresh deep green in summer, changing to the brightest shade of crimson and yellow in autumn; quite hardy and becoming more popular every year. Small plants 20c, 3 for 50c, 7 for \$1.00; strong plants each 40c, 3 for \$1.00, doz \$3.75.

Ampelopsis Royali—It is identical with Veitchii as regards its climbing properties, but it is a larger and stronger plant. The leaves, even in summer, are tinted crimson, in autumn flame colored. Strong plants each 50c, per doz \$5.00.



Ampelopsis Veitchii (Boston Ivy)

HARDY GRAPE VINES

It is not safe to send these roots after the leaves have started, as the close packing required to protect the roots injures the foliage and often kills the plant; we would therefore ask our customers to kindly send us their orders as early as possible, and to reach us not later than the 20th May, as after that date they usually begin to leaf. Nearly all of these roots are grown in open ground, and consequently cannot be forwarded until the frost is sufficiently clear in spring to lift them; they will be forwarded as soon after as possible, and when the plants are in best condition for safety.

BLACK GRAPES

	Price each.	Per doz.
Worden —Best black grape seedling of Concord, larger, more delicious, much earlier, very reliable.....	\$0 30	\$3 50
Herbert —(Reg. 44)—Earlier and sweeter than Wilder.....	30	3 50
CAMPBELL'S EARLY —New, likely to crowd most others out and probably the best Black Grape in existence for Canada.....	1 00	.....
Moore's Early —Earliest good Black Grape, very large.....	40	4 50
Wilder —(Reg. 4). Largest black, very fine.....	25	2 50

RED GRAPES

Lindley —(Reg. 9), Best red, very delicious.....	30	3 50
Agawam —(Reg. 15), Very large, vigorous and a great bearer.....	30	3 50
BRILLIANT —New, a cross between Lindley and Delaware, delicate, yet exceedingly rich and aromatic in flavor.....	1 00	.....
Delaware —Red, well known sort; delicious and productive.....	40	4 50
Brighton —Finest quality of all out-door grapes, dark red.....	40	4 50
Moyer —New red, splendid early.....	40	4 50

WHITE GRAPES

Niagara —Finest large white grape, very sweet.....	40	4 50
Moore's Diamond —Greenish white, compact bunches, berries size of Concord.....	40	4 50
Green Mountain —Early as Jessica, larger, more vigorous.....	40	4 50
NORTHERN LIGHT —New, very early. No disease has yet been known to attack it.....	1 00	.....
Jessica —Earliest white grape, very delicious.....	40	4 50

All Vines Two Years Old and Well Rooted.

FOREIGN GRAPE VINES—(For culture under glass)

Black Hamburg —Black, exceedingly reliable.....	Fine 2 year old Vines \$1.50 each except where noted.
Muscat Hamburg —Black, muscat flavor, very delicious.....	
Duchess of Buccleugh —Delicious, white.....	
Lady Downs —Large, black, late, one of the best.....	
Madresfield Court —Berries very large black, a superb grape.....	
Bowood Muscat —White, large, sugary, each \$2.00.....	
Foster's White —Excellent.....	

BLACKBERRIES

TAYLOR'S PROLIFIC —Largest of all hardy sorts, very productive and delicious. Each 10c, per doz \$1.00.
Lawton —Large and black, excellent quality and an abundant bearer. Each 10c, per doz \$1.00.
Snyder —Extremely hardy, enormously productive, medium size. Each 10c, per doz \$1.00.
Stone's Hardy —Very hardy and good quality. Each 15c, doz \$1.25.
Ohmer (New)—Extra hardy, large, good quality and very productive. Each 15c, doz \$1.25.

MAMMOTH DEWBERRY

It is a trailing Blackberry (Thimbleberry), with the following valuable features.

- 1st—Perpetual fruiting from July 1st to August 1st, filling a space of at least four weeks immediately after Strawberries.
 - 2nd.—Bearing immense crops, beginning with the second season after planting, the fruit of which is black in color, and is often 1½ inches long by 1 inch in diameter, soft, sweet and luscious throughout without any hard core or centre.
- Please bear in mind these remarks apply only to the Mammoth variety.

Price 20c each, \$2.00 per dozen, postpaid.

GOOSEBERRIES

HOUGHTON —Small, well known sort, red when ripe. Each 15c, doz \$1.50.
Downing —Double the size of Houghton, green, delicious. Each 20c, per doz \$1.75.

Smith —About the size of Downing, and bears immensely, red, seldom hurt by mildew. Each 20c, per doz \$2.00.
Industry —Fruit large and delicious, strong grower. Each 25c, doz \$2.50.
Red Jacket —Superior quality very productive. Each 15c, doz \$1.50.
Pearl —Good quality, large size, productive and free from mildew. Each 15c, per doz \$1.50.

Mammoth Dewberry

RASPBERRIES

We send out extra strong canes. Smaller sizes can be quoted much lower on application.

RED VARIETIES

JAPANESE RASPBERRY (Wineberry) —Something like the raspberry in growth and hardness, bears in clusters. Plants, each 15c, per doz \$1.50.
SCHAFFER'S COLOSSAL —Reddish brown to purple, very large. Each 10c, per doz \$1.
Columbian —New purple color, firm. Each 15c, doz \$1.75.
Loudon —Enormously productive, has no equal, does not seem to have a fault. Each 15c, per doz \$1.50.
Miller —New, of great value, very early, firmest and best shipping berry in existence. Each 15c, per doz \$1.50.
Phoenix —New, hardy, claimed to be superior to the Miller. Each 20c, doz \$1.75.
Cuthbert —A decidedly fine variety. Each 10c, per doz \$1.00.
Turner —Red, hardiest of all, very sweet, early. Each 10c, doz \$1.00.

YELLOW VARIETIES

Brineckles Orange —Decidedly the best of the yellow sorts. Each 15c, doz \$1.25.
GOLDEN QUEEN —Very large, delicious and firm. Each 10c, per doz \$1.00.

BLACK CAPS

Eureka —Very promising early variety, productive. Each 20c, per doz \$1.75.
Palmer —Large, very early. Each 20c, doz \$1.75.
Conrath —New, black, large, early. Each 15c, doz \$1.50.
Lotta —Large, early, bright color, fine flavor. Each 15c, doz \$1.75.

CURRANTS

FAY'S PROLIFIC —Berries are as large as Cherry, much more uniform, with larger stems and fruit less acid, and far more productive than Cherry Currant, 2 years. Each 25c, doz \$2.00.
Cherry —Red, large as Fay's Prolific. Each 15c, per doz \$1.50.
Victoria —Red, immense bearer, one of the most reliable. Each 15c, doz \$1.50.

Fay's Prolific Currant

North Star —Red, new, large, sweet, rich and wonderfully productive. Each 15c, doz \$1.50.
White Grape —Finest white currant, mild flavored, berries and bunches large, very productive. Each 15c, doz \$1.50.
Black Naples —Fine reliable sort. Each 15c, per doz \$1.50.
Victoria —New black currant of enormous size, fine flavor and of unequalled productiveness. Each 30c, per doz \$3.00.
Lee's Prolific —Best old Black Currant, fine grower, good bunches, berries large, very productive. Each 15c, per doz \$1.50.
Black Champion —The finest Black Currant, large as Lee's Prolific, much more delicious. Each 20c, per doz \$2.00.

STRAWBERRIES

3 BEST VARIETIES

Williams —Yields very large, handsome berries; extremely productive and hardy; one of the finest field varieties; fruit firm and of a dark crimson color, very uniform in shape and size, a vigorous grower.
Clyde —Fruit large and firm, conical in shape, of a light scarlet color.
Glenmary —A superb early variety of a bright glossy crimson and fine flavor, very productive and of large size.
Any of the Above , per doz 25c, 25 for 50c, 100 for \$1.50.

FANCY VARIETIES

Buback—This berry combines great and uniform size, unsurpassed productiveness and good quality.

Lovett's Early —Seedling of Crescent, very early, equals Wilson in firmness, double the size of Crescent and will yield double the quantity.
Warfield —Of great beauty, firmness, earliness, productiveness and good flavor.
Wolverton —Originated in Canada, thoroughly tested.
Nick Ohmer —Roundish conical form, very productive, perfect shape, dark, glossy, red, firm, excellent quality.
Wm. Belt —Finest of all for home use.

Any of the above, doz 35c, 25 for 50c, 100 \$2.00.

RHUBARB ROOTS

Myatt's Linnæus —Per root 20c, 3 for 50c, per doz \$1.75.
Victoria —Per root 20c, 3 for 50c, per doz \$1.75.
HOPS —Strong roots 25c each, 5 for \$1.00.
HOP SETS —Per 100 \$1.00, per 1,000 \$9.00.



SIMMMERS' SELECT LIST OF NURSERY STOCK



Wismer's Dessert Apple

STANDARD APPLES

STANDARD APPLES are intended for orchards, and are usually planted when 5 to 7 ft. high. The varieties in this list can be recommended as THE BEST now in cultivation in Canada.

SUMMER APPLES.

Astrachan Red—Large, roundish, nearly covered with crimson and thick bloom; rich, acid; hardy tree, vigorous grower, good bearer. August.
Early Harvest—Medium to large size, yellow, tender, with a mild flavor; a good bearer. Aug.
Yellow Transparent—Rich, transparent lemon yellow color. Flesh melting, juicy, pleasant sub-acid. Ripens ten days earlier than Early Harvest. Price 30c each, \$3.50 per doz.

AUTUMN APPLES.

Alexander—Very large and beautiful, deep red and crimson; one of the most showy apples in cultivation, and very productive. Oct. and Nov.
Colvert—Large, with a handsome red cheek; rapid grower and hardy. November.
Duchess of Oldenburg—Large, beautiful, roundish, red and yellow; tender and juicy; bears young and profusely. Very hardy.
Fameuse—Commonly known as "Snow." Hardy. Oct. and Nov.
Gravenstein—Large, striped, round; first quality. Hardy, productive and generally esteemed. Oct.
Haas Queen—Large, slightly conical; splashed and mottled with light red; flesh white, sub-acid. The tree is the fastest grower we have.
St. Lawrence—Large; red and yellow; crisp, vinous, tender; good. Free grower. Oct.
Twenty Ounce—Very large, showy, prolific, well known. Price 30c each, \$3.50 per doz.

WINTER APPLES.

Baldwin—Large, brown red, very prolific. Jan. to April.

Wismer's Dessert

A New Variety of Canadian Origin

We believe this apple to be the most valuable one ever brought to public notice, possessing as it does, every good characteristic in tree composition, such as extreme hardiness, vigor of growth, early bearing and excessive productiveness.

In the eating qualities of the fruit, we say that the world has never seen its equal for high aroma, exquisitely delicious flavor, and juicy, melting, buttery, pear-like texture, well developed specimens being almost as luscious and fibreless as a Bartlett pear.

The fruit is medium to large in size, smooth, round but obscurely five-sided; beautifully colored with yellow, and shaded with bright red in stripes and blotches; marked with russet dots; very handsome. Season, winter, keeping well till March, and later.

Sold only under originator's seal \$1.00 each.

Golden Russet—Vigorous, medium, crisp, juicy, mild, sub-acid, hardy, very good, long keeper. Nov. to May.

King of Tomkins—A very large, red apple; tree grows and bears well. Nov. to May.

Northern Spy—Vigorous and hardy, large, striped, red, tender, juicy, mild, sub-acid. Late.

Mann—Medium to large; deep yellow, juicy, mild, pleasant, sub-acid; hardy. Good grower. Jan. to April.

Pewaukee—Vigorous, hardy, bright yellow, with red; tender, juicy, sub-acid. Jan. to May.

Talman Sweet—Hardy and vigorous; medium; yellow, firm, rich, sweet. Nov. to April.

Tulpehocken—Strong grower, productive, juicy, crisp, pleasant flavor; very large, globular; yellowish green, dull red cheek. Jan. to March.

Walbridge—Vigorous, hardy, productive, medium size; yellow and red; crisp, juicy, good. Jan. to May.

Wenthy—Free in growth and very hardy; large, dark red; juicy, vinous, sub-acid, good. Dec. to March.

R. I. Greening—Large, green, fine grained, rich, sub-acid; a little tender in northern sections. Late. Price, 30c each, \$3.50 per doz.

CRAB APPLES

General Grant—A beautiful Crab for ornament and preserving, and for eating out of hand. Color red; fruit is large, tender and juicy.

Hyslop—Vigorous, large, deep crimson, sub-acid. Sept.

Transcendent—Vigorous, medium, red and yellow, a beautiful variety of the Siberian class. Sept.

Whitney's Seedling—New, large, handsomely splashed with carmine, fine quality; heavy yearly bearer. Sept. and Oct. Price 50c, \$5.50 per doz.

STANDARD PEARS

Standard Pears are grown upon Pear stocks and the Dwarfs upon Quinces.

SUMMER PEARS.

Bartlett—Vigorous, large, yellow and red, juicy, buttery, with rich musky flavor; very good. Sept.
Brandywine—Free grower, medium size, yellow and russet, melting, juicy, good. Aug.

Clapp's Favorite—A cross between Bartlett and Flemish Beauty; fruit resembles the former.

Tyson—Medium, yellow and russet, melting, juicy, sweet, tree vigorous grower and good bearer. Aug.

Wildier Early—Handsome, delicious early Pear. Aug. Price 50c each, \$5.50 per doz.

AUTUMN PEARS.

Duchess D'Angouleme—one of the very largest Pears grown; greenish yellow, sometimes a little russeted. Oct. and Nov.

Flemish Beauty—Large, beautiful, juicy, melting, rich, strong grower, good bearer. Sept. and Oct.

Kieffer—Large, rich, golden, slightly coarse, juicy, with pronounced quince flavor. Oct. and Nov.

Seckel—Med. brown, highest flavor. Sept. and Oct.

Sheldon—Large, russet and red, melting, rich, delicious, hardy, vigorous and productive. Oct. Price 50c each, \$5.50 per doz.

EARLY AND LATE WINTER PEARS.

Anjou—Very large, pyriform, greenish yellow, buttery and juicy. Nov. and Dec.

Lawrence—Medium to large, golden yellow, melting, pleasant, aromatic. Nov. and Dec. Price 50c each, \$5.50 per doz.

CHERRIES

Cherries succeed well on dry soil, can be trained in any form that taste or circumstances require.

May Duke—An English variety of large size. Tree erect and hardy. Fruit rich and good. Mid. June.

Black Tartarian—Large, mild, pleasant flavor, purplish black, good bearer. End of June.

Early Richmond—Med. red, juicy, acid. June.

English Morello—Large, dark red, sub-acid, good.

Governor Wood—Medium large, clear light red, juicy and delicious. End of June.

Yellow Spanish—Large, pale yellow with red cheek, juicy, delicious and sweet. End of June. Price 50c each, \$5.50 per doz.

PLUMS

Plant 18 feet apart on good substantial soil. The stock we offer is very fine, unexcelled in thriftiness.

Bradshaw—Very large, dark violet red, juicy, sweet and good, one of the best. Aug.

Coe's Golden Drop—Large, yellow, sweet. Sept.

Imperial Gage—Excellent, large, pale green. Aug.

Lombard—A rampant grower, and wonderfully productive, medium, violet red, good. Sept.

Pond's Seedling—A magnificent English, light red plum, good grower, abundant bearer. Sept.

Shipper's Pride—Large, often measuring 2 in. each way, being nearly round; excellent for canning. Sept.

Goliath—A very large purple plum, rivalling the peach in beauty; hardy and productive. \$1 each.

Glass Seedling—A hardy Canadian variety of large size and good flavor; deep purple. Sept. Price 50c each, \$5.50 per doz.

PEACHES

Crawford's Early—A superb yellow Peach of good quality; a productive and early sort. Sept.

Crawford's Late—Resembles Early Crawford, but later. Price 35c each, \$4.00 per doz.

ORNAMENTAL DEPARTMENT

Upright Deciduous Trees

Ash-Leaved Maple—Native of Manitoba, extremely hardy, very rapid grower, bearing leaves resembling the Ash.

American Sweet Chestnut—Among our ornamental native trees the chestnut is unrivalled for its beauty. When grown in open ground, it assumes an elegant, symmetrical form; the foliage is rich, glossy and healthy, and the whole tree is covered in early summer with long pendant blossoms. It is desirable for its nuts, which it bears profusely a few years after transplanting, and which sell readily at from \$1 to \$5 per bushel, making it very profitable as well as ornamental. It is a very rapid grower, an early and abundant bearer, hardy as an oak, and thrives on any soil except a wet one.

Black Walnut—A native species of large size and majestic form, foliage beautiful, being composed of from thirteen to seventeen leaflets.

Horse Chestnut—A very beautiful well-known tree, round, dense head, dark green foliage, and an abundance of showy flowers in early spring.

Hardy Catalpa—Rapid grower, with immense leaves, often measuring one foot in width, by two feet in length. Suited to all soils. 80

European Larch—An excellent, rapid growing, pyramidal tree; small branches drooping.

Silver Maple—Norway Maple—Sycamore Maple.

Maiden Hair Tree—One of the most beautiful of lawn trees. A native of Japan, of medium size, rapid growth, rich, glossy, fern-like foliage.

Mountain Ash—A fine hardy tree, head dense and regular, covered from July till winter with large clusters of bright scarlet berries.

Oak-Leaved Mountain Ash—Hardy tree of firm habits, height from twenty to twenty-five feet, foliage simple, deeply lobed. Very fine lawn tree.

Poplars—Each 25c. Price, except where noted, 75c each, \$7 doz.

Weeping Deciduous Trees

Cut-Leaved Weeping Birch—Extremely vigorous and hardy. Price \$1.

Kilmarnock Weeping Willow—An exceedingly graceful tree, with large, glossy leaves; very hardy, much prized for lawns. Price \$1.

Weeping Mountain Ash—A beautiful tree, with straggling weeping branches; makes a fine tree for lawn; suitable for covering arbors. Price 75c.

Weir's Cut-Leaved Maple—A variety of silver maple. One of the most remarkable of trees, with cut or dissected foliage. Price 75c each.

HEDGE PLANTS

Privet—A handsome shrub, with spikes of white flowers in June, and clusters of black berries like currants; makes a beautiful hedge, 18 to 24 inches high. Per doz \$1, per 25 \$1.50, \$5 per 100.

EVERGREEN TREES

American Arbor Vitæ—This is one of the very finest Evergreens for hedges. It is very hardy; small plants 12 to 18 in. high, which have been transplanted several times are preferable.

Austrian or Black Pine—A remarkable, robust hardy, spreading tree, leaves long, stiff, and dark green; growth rapid; valuable for this country.

Scotch Pine—A fine, robust, rapid growing tree with stout, erect shoots and silver green foliage.

Norway Spruce—A lofty elegant tree of perfect pyramidal habit, remarkably elegant and rich; it is exceedingly picturesque and beautiful. One of the best Evergreens for hedges.

PRICES OF EVERGREEN TREES.

	Per doz.	Per 100.
30 to 40 inch.....	50c each.....	\$4.50
24 " 30 ".....	40c ".....	4.00
18 " 24 ".....	30c ".....	3.00
12 " 18 ".....	20c ".....	2.25
		15.00

INSECT DESTROYERS

Aphis Punk—For use in private places, more convenient than vaporizing Tobacco extracts. The Punk is lighted and allowed to smoulder, the fumes killing all insects. Will not injure the most delicate plants. Put up in boxes of 12 rolls, each roll contains 60 grains of nicotine sufficient for 600 feet of floor space. Price 75c per box.

Fir Tree Oil—Soluble in water, effectually destroying all kinds of pests to which plants are subject. Bottle, small size 25c, half pint 50c, pint 75c, quart \$1.50, ½ gallon \$2.75, gallon \$5.00.

NIKOTEN—The most powerful extract and will be found more economical than weak tobacco extracts. Pint \$2.00.

SKABCURA is a stimulant for wool growth and a cure for Ticks, Lice, Mange and Scab. Pint \$2.00.

TOBACCO SOAP—Makes an excellent wash for plants and trees infested with insects. ½ lb 25c, by mail 30c; 1 lb 50c, postpaid 60c.

ROSE LEAF Extract of Tobacco—One of the most effectual articles for the destruction of all insects and scale on plants. Pint 40c; quart 75c; gallon \$2.00.

WHALE OIL SOAP—Makes an excellent wash for trees and plants, kills insects and eggs on the bark. Lb 25c; 2 lbs 50c; 5 lbs \$1.00. By mail add 5c per pound for postage.

LITTLE'S ANTIPEST (Readily Soluble in water)—This preparation is a sure destroyer of insect pests of any or all descriptions. Price—Per bottle 25c, per small tin 50c, per large tin \$1.

TOBACCO CLOTH—Takes the place of Tobacco Stems. Per lb 75c; 2 lbs \$1.25.

COPPER SULPHATE—For Bordeaux Mixture. Per lb 10c, by mail 15c.

GISHURST COMPOUND—For preventing and destroying Red Spider, Scale, Mealy Bug, Thrip, Green and Brown Fly, etc. Sold in boxes; price 50c and \$1.50 each.

LEMON OIL—Price—Half pint 50c, pint 75c, quart \$1.50, ½ gallon \$2.75, gallon \$5.00.

PURE DALMATIAN INSECT POWDER—Price ½ lb 20c; per lb 60c; or by mail 65c.

LONDON PURPLE—When applied in a liquid form, 1 lb to 200 gallons, or a teaspoonful to a pail of water is sufficient. Lb 20c, by mail 25c; 10-lb lots, by express, \$1.75.

FLOUR OF SULPHUR—Lb 10c, 10 lb 50c, per 100 lbs \$4.00. By mail add 5c per lb.

FOSTITE—Acknowledged the best preventative and cure against mildew, black rot, leaf blight, rust, etc. 5 lbs 70c, 25 lbs \$2.50, 50 lbs \$4.50, 100 lbs \$8.00.

PURE PARIS GREEN—Securely put up in boxes. Price—Per lb 25c, per 5 lbs \$1.00.

SLUG SHOT—A non-poisonous powder and a very popular insecticide. Easily applied and not injurious or dangerous to animals, the person applying it, or fruits and vegetables treated. Send for our book on Slug Shot. Lb 10c, by mail 15c; 5 lbs 35c, 10 lbs 60c, 100 lbs \$5.00; larger lots price on application.

GRAPE DUST—Is a preparation to kill the destructive mildew that strikes the grape vine. In 5 and 10-lb packages. Per lb 10c, by mail 5c lb extra.

HAMMOND'S THRIP JUICE—Death to Mealy Bugs and Scale, which infest roses. ½ pint tins 30c, pint 50c, quart 75c.

CYCLONE SPRAYER AND ATOMIZER

PRICE:

Made of tin, 90c; by mail, postpaid, \$1.15. With galvanized iron reservoir, \$1.00; by mail, postpaid \$1.25. All copper, \$1.50; by mail, postpaid \$1.75.

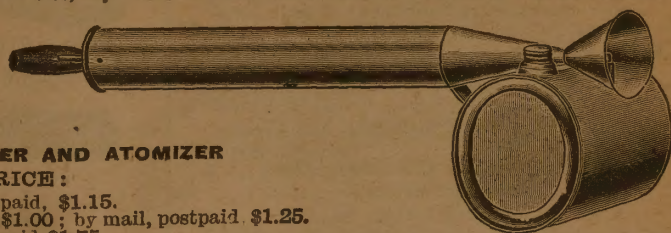
INSECT POWDER DISTRIBUTOR OR DRY POWDER SPRAYER



The application of Paris green and other poisons mixed either in water or plaster is both laborious and expensive. By the use of the Insect Powder Distributor in applying the insecticides clear, these difficulties are overcome as the poison is distributed so evenly and in such small quantities that it is hardly perceptible on plants.

The small hole is for clear Paris green, the large hole for hellebore, Bordeaux mixture and powders of like nature. The forked tube carries the poison directly on two rows of potatoes at once. With this tube attached a man can poison the bugs on an acre in thirty or forty minutes by walking at an easy gait without stopping.

The best time for applying the poison is in the early morning when the dew is on; it will then adhere much better to the leaves. Price \$4.50.



SPRAY PUMPS

THE "SUCCESS" BRASS SPRAY PUMP

With Bucket Foot Rest
Indestructible Bronze
Ball Valves



Success Brass Spray Pump

The annexed cut represents a new and excellent pump for use in gardens, vineyards, greenhouses and orchards, for washing windows and buggies; also for spraying poultry houses with whitewash. The working parts are all brass, and bucket foot rest is made of malleable iron. Nothing could be simpler and more durable than this pump. It has large air chamber space and is double acting, throwing an absolutely continuous stream either solid or in fine spray.

The end of hose connecting to pump is coiled with brass spring wire, adding largely to its durability. This pump is rightly named, and as a leader for general use it cannot be beaten. "Nothing succeeds like 'Success.'" The "Bordeaux" Nozzle, is furnished with "Success" Pumps.

Price—"Success" Brass Spray Pump, with "Bordeaux" Nozzle, with directions for spraying, \$4.50.

Seven-foot sections of hose and couplings, with pole connection, for "Success" Pump \$3.50 extra.

THE "BORDEAUX" SPRAY NOZZLE



The "Bordeaux" Nozzle is the simplest and best combination spraying nozzle on the market. It throws solid stream or a fan-shaped spray adjustable to any fineness; is readily degorged by turning the cock handle. It will also throw a long distance coarser spray for spraying very large trees; or it may be shut off altogether—features possessed by no other spray nozzle. Price, \$1.00.

THE DEMING BARREL SPRAY PUMP



With Mechanical Agitator, Adjustable Base and Brass Working Parts.

Fig. 550, Pump only, \$9.00.

Outfit A.—Pump as illustrated above with 12½ ft. of ½-in. hose, Bordeaux nozzle and pole connection, \$13.50.

Outfit B.—Pump with two 12½-ft. sections of ½-in. hose, Bordeaux nozzles and pole connection, \$18.00.

Barrel not furnished with Pump. Cut shows outfit "A"

"I.X.L." AUTOMATIC SPRAY AND FORCE PUMP

It is made of nicked brass, galvanized iron tubing, brass springs with strainer on top. It will pump from the pail or will carry the material to be used, and will throw a stream of 25 feet. Price each \$2.75; postpaid \$3.00.

BRASS BUCKET SPRAY PUMP WITH AGITATOR (Meyer's Patent)

The heavy work is on down stroke of the plunger and nothing on the up. The effect of this is to hold the pump down, and it is not necessary to use a foot rest. Price \$5.00.

Myer's Bucket Spray Pump, with Lever. Price \$7.00.

AQUARIUS, each..... \$6.50
AQUAPULT, each..... 6.00

TREE SPRAYING OUTFIT

Knapsack Sprayer—Made of the best galvanized tin, will not rust. It has an agitator easily worked with left hand for stirring mixture. It is economical and perfect working apparatus. Price each, \$4.00.



Rose and Rubber Valve—For sending long distances. We can furnish our Rose with valve and bulb, with 2½ feet of tubing, with connection, ready to attach to any pump. Price each, \$2.50.

SPRAMOTOR

SPRAMOTOR JR., SPRAYING AND PAINTING MACHINE

Will wash your windows, clean your buggies, white-wash your buildings or chicken coops, do the spraying for small fruits and some large trees. It is a thoroughly good and useful article, and so far as its capacity extends will give as good results as a more expensive outfit.

Price complete, with 2½ feet 3-ply hose and Spramotor, painting and spraying nozzle, \$6.00.

Five gallon heavy galvanized can, extra \$1.50.

SPRAMOTOR JR., WHEEL OUTFIT

Price complete, \$16.00.

SPRAMOTOR JR., OUTFIT E.—Being Spramotor Jr., with can, 2½ feet hose, stop cock and lance. Just right for spraying small fruit, white-washing, or painting or disinfecting work. Price, \$8.50. Same with brass lance, \$8.80. Extra hose, 10c per foot.

SPRAMOTOR NO. 1—Price, complete as shown \$10.00. If required with brass agitator, \$12.00.

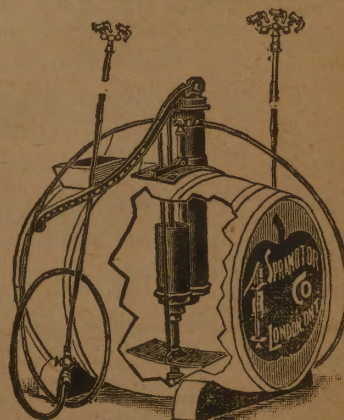
SPRAMOTOR OUTFIT 1-D.—One brass Spramotor No. 1, including one line of ½-in. hose 10 ft. long, couplings attached, one brass stop-cock, one 8 or 10 ft. bamboo extension rod with seamless brass inner tube, brass cupped ends and drip guard, two Spramotor Nozzles, one brass Y connection. Price complete, without barrel, \$15.35. Same with three-nozzle cluster, \$16.20.

SPRAMOTOR NO. 2—Price for brass Spramotor with iron agitator, \$18.00. Brass agitator, \$15.

SPRAMOTOR OUTFIT 2-E (High spraying, one line hose)—Brass Spramotor No. 2, as above, with one line of hose 10 ft long, couplings attached, brass stop-cock, 10-ft. bamboo extension rod with brass cupped ends and drip guard, one Y connection and two Spramotor nozzles. Without barrel. Price complete, \$18.10. Price complete, with 8-ft iron extension rod with patent drip guard, \$16.80.

Barrel and Strainer, Price \$4.00

Spramotor Illustrated Catalogue on Application.



PLOWS

FLEURY PLOWS

A general purpose plow, very light in draught. It gives particularly good satisfaction in summer fallow and stubble. Next greatest to the No. 21 in demand in Ontario, and in many places securing the whole trade. It is a growing favorite. Cuts a furrow 7 to 10 inches. Price, No. 13 Plow, \$13.00, Cash. No. 8 Plow, \$13.00, Cash. No. 12 Plow, \$13.50, Cash. No. 21 Plow, \$13.00, Cash.

One-Horse Plow—No. 15. Unexcelled as a Garden Plow

A one-horse or garden plow that cuts the width it turns, and turns a furrow properly. Most one-horse plows are only two-horse plows shortened up, and spoiled for real plowing. This one is a plow—light but strong. Price, Cash, \$10.00.

Fleury's Celebrated Root Pulper, No. 5. Price \$11.

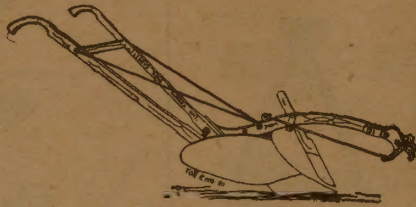
Fleury's Straw and Ensilage Cutter, No. 1. Hand Power. Price \$13.50.

Fleury's Farm Wheelbarrow. Price \$4.00.

Emperor Potato Digger. Price \$9.00.



No. 8 Fleury Plow



No. 15 Fleury Plow



No. 13 Fleury Plow

WILKINSON PLOWS

We can supply the following desirable "Standard" Plows, manufactured near Toronto, of the best material (regardless of cost), by the Wilkinson Plow Company.

One-horse Plow, \$11.50. No. 3, \$16.00. No. 4, \$15.00. No. 5, \$15.00. No. 7, \$15.00.

Wilkinson's 11-Tooth Harrow Cultivator, \$13.00.

THE CLIPPER GRAIN AND SEED CLEANER

No. 1—For farmer's general use \$25 | No. 2—Hand mill of large capacity \$35

WROUGHT IRON HARROWS

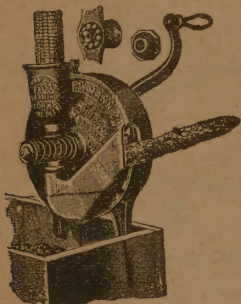
Garden Harrows, in two sections..... \$12.00

Farm Harrows, in three sections..... 14.00

THE "ESSEX" CORN AND BEAN PLANTER

It will pay for itself in two days' use. Plants regularly, and the seed being always deposited in moist earth, comes up quicker. Simple, cheap and durable. Improved with a bolt through the connecting plates, making it the best and cheapest corn planter in the Dominion.

Price, \$1.50.



CHAMPION BALL-BEARING CORN SHELLER

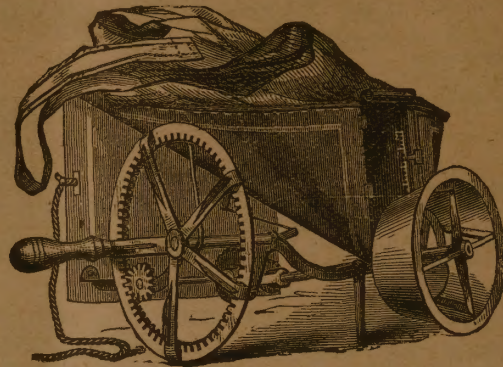
It has no equal. It is the best Sheller on the market, and considering the amount of work it will do, it is the cheapest. Its work is easy, rapid and highly satisfactory. Its unique automatic adjustment, improved shelling disc and telescopic construction, are all new inventions, embodying improvements found in no other corn sheller. Weight 20 lbs.

Price \$2.50.

SEED SOWERS

Cahoon's Patent Broadcast

Will sow perfectly Wheat, Oats, Peas, Barley, Rye, Buckwheat, Grass Seed, etc. This machine, at a common walking gait, sows from 4 to 8 acres per hour. A saving of four-fifths of the labor and one-third of the seed used in hand sowing is effected by using this machine. A person entirely unused to sowing by hand can use this Broadcast Seeder with perfect success. It is substantially built, and with ordinary care, will last many years, and save its cost in less time than any other farm implement yet introduced. Directions for using and gauging are furnished with each machine. Price, \$4.



"Little Giants"

"The Little Giants" are best described as the lightest and easiest running and best sowing machines made.

The pressed tin wheel is the strongest wheel made, and is equalled by none in its work. The stirrer is the smallest and the most effective feed placed in any machine. It does not require seed to be cleaned and will sow orchard and blue grass.

They will throw flax and clover seed 36 feet to the round, wheat 50 feet, timothy seed 28 feet, oats 36 feet.

Geared (see cut). It contains all the features of the original Little Giant, but is operated by a crank instead of a bow. The gearing on this machine is the lightest that mechanical ingenuity can devise and makes it of the highest grade. Price, \$2.00, or postpaid \$2.50.

Fiddle Bow, old style. Price, \$1.50, by mail postpaid, \$2.00.



"Little Giant," Geared.

Improved Horse Turnip Seed Drill

This drill is claimed to be the best Horse Seed Drill in the market. The rollers are made of cast iron, and are hollowed to fit on the rows. They slide along the axle and will adjust themselves to any inequalities in the width of rows. Price \$13.

Garden and Farm Implements

Grass Scythes, Rivet	Each
Back and others.....	\$0 75 to \$1 40
Cradle Scythes, all kinds and lengths....	1 10 to 1 40
Grain Cradles, all kinds.....	1 50
Scythe Stones.....	10 to 15
Scythe Snathes.....	15 to 85
Hay Rakes, wire bow and wooden bow.....	10 to 25
Hay Forks, 2 prong....	40 to 60
3 ".....	60 to 80
Straw Forks, 3 prong..	75 to 1 20
Barley Forks, 4 prong	1 00 to 1 50
wood..	75

Manure Forks, 4 prong.....	85 to 1 20
Manure Forks, 5 prong.....	1 10 to 1 25

Draining Spades, 18, 20 and 22 inch.....Each \$2.50

Manure Forks, 6 prong.....	\$1 25 to \$1 35
Spading Forks, 4 prong.....	1 00 to 1 20
Potato Forks, 4 prong	85 to 1 25
Turnip Hoes.....	55 to 70
Field Hoes.....	35 to 65
Thistle Spuds.....	40
Reaping Hooks.....	50
Vegetable Scoops.....	1 20
Grain Scoops.....	1 00 to 1 50
Spades, in variety....	75 to 1 50
Shovels, in variety....	90 to 1 30
Fork and Hoe Handles, in variety.....	15 to 40

Plow Lines, Cotton Bags, Linen Bags, Etc.

EARTHENWARE

Flower Pots,
Saucers,
Tree Pots,
Round Seed Pans,
Hanging Baskets.

POTS—EARTHENWARE FLOWER POTS, TREE POTS, SEED PANS AND HANGING BASKETS.

The measurement is from outside to outside. Packing charged extra, when ordered to be shipped a distance from Toronto. Pots are carefully packed, but we do not assume any risk of breakage.

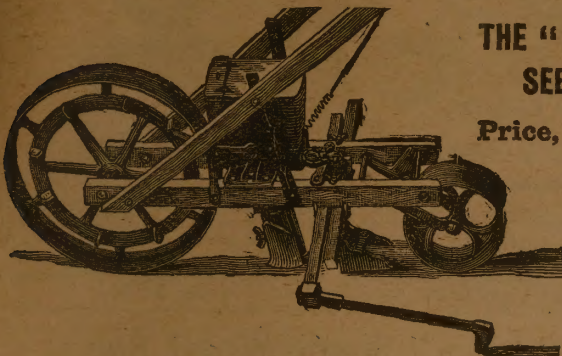
FLOWER POTS.				SAUCERS		TREE POTS			SAUCERS		ROUND SEED PANS		Hanging Bskt.	
Size.	Inches.	Per doz	Pr 100	Per doz	Per 100	Size, Each.	Each	Per 100	Each	Per 100	Size, Inch.	Each	Size.	Each.
Small Thumbs...	2	\$0 10	\$ 75	.....	.....	2 gals..	10	\$0 40	\$35 00	\$0 20	\$16 00	6	\$0 10	Small..
Thumbs.....	2½	15	1 00	.....	.....	3 ".....	12	75	.....	25	20 00	7	15	10 inch..
Small Verbena...	3	15	1 00	.....	.....	4 ".....	14	90	.....	30	25 00	8	15	Medium
Large Verbena...	3½	20	1 25	.....	.....	6 gals..	16	1 50	.....	50	45 00	10	20	12 inch..
Half Pints.....	4	25	1 75	\$0 15	.....	8 ".....	18	2 50	.....	.....	.....	12	25	Large...
Pints.....	5	40	2 50	25	.....				.....			13	35	14 inch..
Quarts.....	6	50	3 50	30	\$2 25				.....			14	40	
Half Gallons...	7	1 00	6 50	60	4 00				.....					
Gallons.....	8	1 50	10 00	70	5 00				.....					
Gallons.....	9	1 75	14 00	90	7 00				.....					

Special prices on application for larger quantities.

"IRON AGE" GARDEN IMPLEMENTS FOR 1900

The "IRON AGE" WHEEL HOES AND DRILLS for Field and Garden Work.

We have no hesitation in claiming these tools to be the most perfect and satisfactory made and we want to place one in the hands of every customer. They have recently become immensely popular, owing to the new departure in their design and construction; in other words, they are all right and up to date. They are equipped with high, steel wheels, very light, tubular frame connected to malleable iron castings—really bicycle construction, and in consequence they are exceedingly light, convenient, easy to handle and very handsome in appearance.



THE "NEW MODEL" SEED DRILL,

Price, \$8.50.

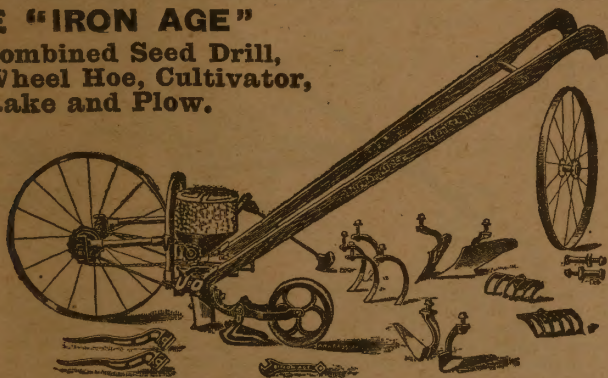
Perfect Index;
Instantaneous
Cut off; Ad-
justable Mark-
er; Broad
Wheel; Steel
Opening Plow;
Adjustable
Handles.

Drills of similar construction are usually provided with a series of holes of varying sizes through which the seed is passed, which, of course, do not always give an opening of the exact size required. This adjustment is made in a simple and effective manner by use of a slide with a pear-shaped opening, passing under the bottom of the seed reservoir, which is provided with a perforation of similar shape in a reversed position. This slide can be instantly adjusted to size indicated by index, or to a hair breadth variation between—a vital point in a perfect seed drill. As the names of the principal seeds are plainly shown on the index itself, it is not necessary to refer to any table of reference. The flow of seed can be instantly stopped by a swinging cut-off, conveniently operated by a cord and ring on handle. This cut-off prevents all loss of seed at end of rows. The main wheel is of large size and of unusual width, preventing its sinking into soft earth.

Each Drill crated and carefully packed for shipment. Packed weighs about 40 lbs. Price \$8.50.

THE "IRON AGE"

Combined Seed Drill,
Wheel Hoe, Cultivator,
Rake and Plow.



The cut shows this tool to be a whole tool house of itself. It is a seed drill, a double wheel hoe, a single wheel hoe, a cultivator, plow and rake. It is converted into a perfect seeder by the drill attachment, which is quickly and easily placed in position, and which is simple in operation, having no gearing, screws or springs to get out of order. The adjustment for various seeds is perfect, the cam index allowing the seed slide to be instantly adjusted to the slightest variation desired.

The labor of operation is reduced to a minimum, owing to the light weight of the tubular frame high wheel, etc.

Price complete, \$11.50. As a Seed Drill only, \$8.50.

No. 6 "IRON AGE"

Combined Double Wheel Hoe, Hill and
Drill Seeder.

As can be seen by the cut below, anyone purchasing the No. 6 "Iron Age" Combined Double Wheel Hoe, Hill and Drill Seeder, possesses at once the most perfect and complete tool possible. It is a whole tool-house itself. It drills, hoes, rakes, hills, cultivates, levels, plows, furrows, covers, and does each and every operation in the most satisfactory manner.

The fact that our "Iron Age" Double Wheel Hoe can be converted into a thoroughly practical Single Wheel Hoe, makes this combined machine four different tools; a Hill Dropper, a Double Wheel Hoe and a Single Wheel Hoe, also a Row Drill. This tool will sow all the small seeds varying in size from celery to corn.

Price \$13.00.

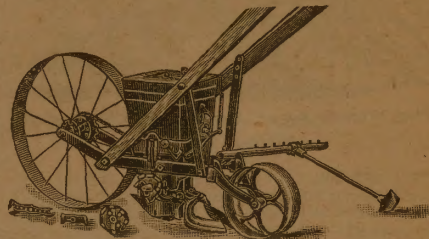


THE "IRON AGE" HILL AND DRILL SEEDER

The "Iron Age" Hill and Drill Seeder is without question the most complete tool ever offered. The Wheel is 16 in. high, made of steel with a two-inch tread. The Opening Plow is non-clog-gable and can be instantly adjusted. The Hopper is low, therefore, the delivery of the seed is close to the ground, thus making possible accurate spacing. Capacity 4 quarts. The Agi-tator is a revolving bush which makes it a sure feed and sows absolutely all of the seed accurately, and without injury.

The distance of spacing the seed can be instantly changed by simply removing a small wheel at the side of the hopper and reversing it, or by putting on another. It will drop at 4 1/2 in., 6 in., 9 in., 12 in., 18 in., 36 in. apart. The change from a Hill Dropper to a Row Drill can be instantly made, or vice versa.

The amount of seed can be minutely adjusted by our patented cam in-dex. The Coverers are firmly held in place by a spring—thus avoiding all danger of not covering. The wheel rolls and packs the soil. The flow of seed can be instantly stopped or started by a convenient finger latch on the handle. Price \$14.00.



THE "IRON AGE"

Single Wheel Hoe, Cultivator, Rake and Plow
Combined.

This tool is, in re-gard to the work done, almost a coun-terpart of the Double Wheel Hoe.

In addition its lower price, less weight and in-creased steadiness given by a single wheel, make strong arguments in favor of this tool. For the small kitchen garden we consider the Single Wheel Hoe, with these points of merit, as being very valuable. The work is done principally between the rows, although plants of small growth can be hoed on both sides at once by placing the wheel on the left side.

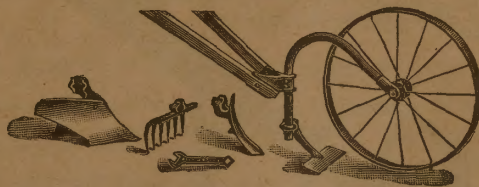
With this single wheel tool, spaces of exceedingly narrow width can be worked even using but one cultivator tooth. With the large plow attach-ment, deep furrows can be opened or closed; potatoes, celery and other crops hilled—in short, all such work usually accomplished by a special plow.

Price complete \$6.50.

Weeder Attachment for this tool similar to the one shown on the Double Wheel Hoe, \$1.00 extra.



The "Iron Age" Combined Single Wheel Hoe



No. 12 "IRON AGE" WHEEL PLOW AND CULTIVATOR

Price, \$4.00.

Same as Wheel Plow with the following attachments additional—Culti-vator Tooth, Rake and Scuffle Hoe.

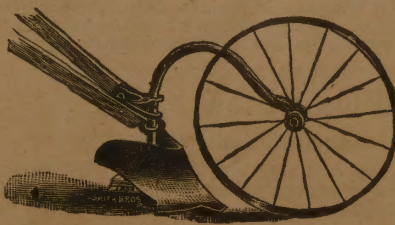
Notwithstanding the large number of different styles of Wheel Hoes that have been on the market, there still remained a demand for just such a tool as shown in cut below—something light, strong, low in price, and still possessing the necessary tools to make it accomplish a great variety of work—yes, in fact all work needed to be done in small kitchen garden. Plowing, furrowing, covering, hoeing, raking and cultivating.

This tool is emphatically a friend of the poor man who has but little money to invest in a garden tool. It is marvelous the variety of work which can be done by the use of this tool. We commend it to all our cus-tomers desiring such a tool. Price, complete as in cut, \$4.00.

THE "IRON AGE" WHEEL PLOW

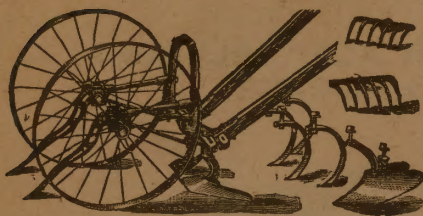
Price, \$3.00.

Packed Weight, 15 lbs.



THE "IRON AGE"

Double Wheel Hoe, Cultivator, Rake and Plow Combined.



The "Iron Age" Combined Double Wheel Hoe

At a glance one can see the great usefulness of this tool. The garden or farm is incomplete without at least one of these tools. In cultivating onions, beets, turnips, radishes, etc., it is invaluable, saves hours of hard labor and does the work better than several men could do it in the same time. One great advantage which this double wheel hoe possesses is that it can be made into a practical single wheel hoe in a moment's time. An axle is sent with every double

wheel hoe for this purpose. The wheels are 16 inches high, enabling the wheel hoe to run easy and without yielding to the depressions of the soil as a low wheel will do. The frame being made of tubing coupled to malleable castings gives great strength, together with lightness. All the tools shown in the cut go with the machine for the price.

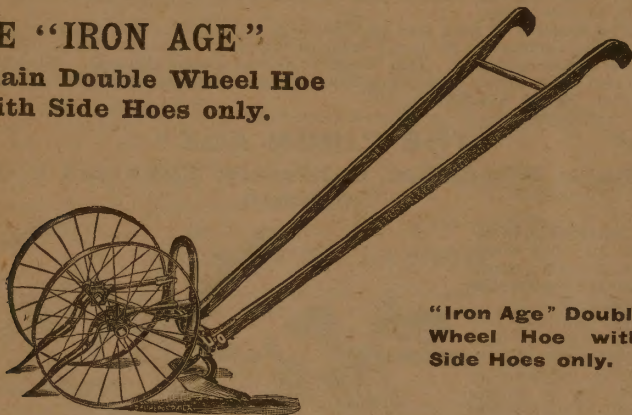
Price, complete, \$8.50.

Weeder Attachment, \$1.25 extra.

Landside Plow Attachment, \$1.25 extra.

THE "IRON AGE"

Plain Double Wheel Hoe with Side Hoes only.

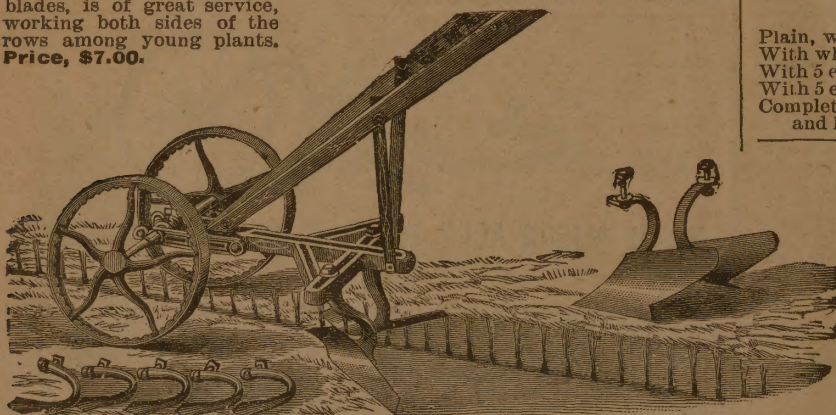


"Iron Age" Double Wheel Hoe with Side Hoes only.

In order to accommodate those who have only use for the Wheel Hoe for hoeing we offer the machine described above with side hoes only. This implement may be used as a Double or as a Single Wheel Hoe. The illustration shows it adjusted as a Plain Double Wheel Hoe. Price, \$5.00.

"Gem" Double and Single Wheel Hoe Combined, \$7.00

This has in addition to the Single Wheel Hoe the Double Wheel Attachment and two extra steel blades, which we furnish with the Single Wheel including all parts shown in the engraving, for \$6.00. The Double Wheel attachment, with these extra blades, is of great service, working both sides of the rows among young plants. Price, \$7.00.



"Gem" Single Wheel Hoe, \$6.00

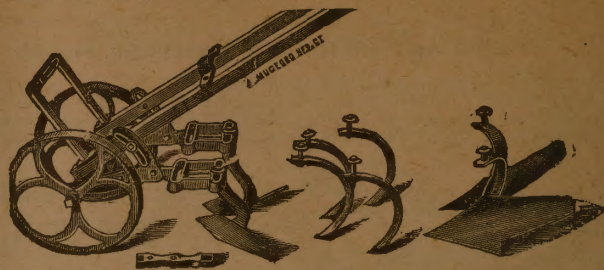
The working parts of the Single Wheel "Gem" are: 2 Scuffle or Cutting Blades, one 4½ and one 9 inches wide; 2 Plows, right and left hand; 5 stirring teeth; all made of best steel. The wheels and handles of the "Gem" are both adjustable in height, while the frame is so slotted that the hoes, teeth or plows can be set in almost any position or angle. Price, \$6.00.

The "Jewel" Wheel Plow

Weight only
10 pounds.

Malleable Iron Frame, Light and Strong.

Adjustable in depth of working, and height of handle. As a Wheel Garden Plow, we are confident none can be found to excel or equal it. Carefully boxed. Price, \$2.50.



The "Jewel" Double Wheel Hoe

Cultivator and Plow Combined, \$6.00.

The "Jewel" is capable of being quickly adjusted in depth or width of working of handles. As shown in the cut it is provided with four slender stirring teeth; one pair of side hoes; also a pair of plows. The standards of these hoes and plows are of malleable and wrought iron—no cast iron.

The "Jewel" Double Wheel Hoes are carefully made, handsomely finished, and weigh about 22 lbs. each, complete. Price, \$6.00.

The "Jewel" Single Wheel Hoe

Cultivator and Plow Combined, \$5.00.

Like the Double Wheel "Jewel," this tool is constructed entirely of malleable iron and steel, with exception of wheel and handle. As plainly shown by the cuts, it is capable of several combinations, a simple, very easy working scuffle hoe, with hoes 6 and 9 inches in length; as a cultivator, with four steel teeth; or as a large-sized Wheel Plow. The "Jewel" is adjustable in every way, thoroughly well made and finished, and is, we believe, the lightest and strongest of its kind made. Price, complete, \$5.00.

The "Iron Age" Horse Cultivators

"Iron Age" Horse and Hoe Cultivator Combined with Wheel and Levers. Price, \$10.00.



As made at present there is no Cultivator in use so completely adapted to the various needs of the farmer, particularly the "truck" grower. With seven narrow teeth it cannot be equalled as a thorough pulverizer of the soil, and is quickly changed to any of its combinations. With or without Lever Adjustment or Wheel. We claim this tool to be the strongest, steadiest horse hoe made; hoe standards are very heavy solid steel, adjustable in both pitch and angle of cut, adjustment of width instantly made, steady and smooth in its operation, the only level adjuster that does not impair the stiffness of the tool.

PRICES

Plain, with two mould boards and broad scuffler	\$7 00
With wheel extra	8 00
With 5 extra teeth	8 00
With 5 extra teeth and wheel	9 00
Complete as in illustration with mould boards, scuffler, teeth, wheel and levers	10 00



"Iron Age" Combined Harrow and Cultivator

Our "Iron Age" Combined Harrow and Cultivator is a tool that has diamond shaped teeth, with a small cultivator tooth forged on one end—steel, of course. For very close work, every other tooth can be very quickly removed. We also have, as an attachment, a wide, flat sweep on a high-throated standard, for use on rear end of middle bar. Sure death to weeds and grass.

With lever expander and lever wheel	\$9 00
" " " plain wheel	8 00
" " " without wheel	7 00
Sweep Attachment	1 25 extra.

We are Sole Agents for these goods and carry a large stock, thus enabling us to fill orders at the shortest possible notice.

THE "PLANET JR." GARDEN IMPLEMENTS

87

Descriptive and Illustrated Planet Jr. Catalogue Sent on Application.

We carry a full line of machines and repairs. Every piece has a mark or number upon it. Be sure and mention number when ordering repairs or parts.



The "Planet Junior" No. 11, Double Wheel Hoe, Cultivator, Rake and Plow Combined. Price, boxed, \$10.50.

"Planet Jr." No. 12, Double Wheel Hoe, Cultivator and Plow, Price, - - \$3.00.

"Planet Jr." No. 13, Plain Double Wheel Hoe, Price, boxed, - - \$5.25.

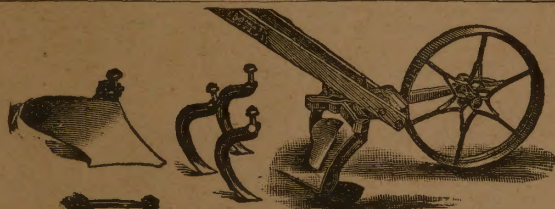


"Planet Jr." No. 15, Single Wheel Hoe, Cultivator, Rake and Plow Combined. Price, boxed, - - \$3.00.

"Planet Jr." No. 16, Single Wheel Hoe, Cultivator, Rake and Plow.

Same as No. 15, with fewer tools. Price, \$6.75.

"Planet Jr." No. 18, Single Wheel Hoe—Plain, Price, - - \$4.00.



"Planet Jr." No. 17, Single Wheel Hoe, Cultivator and Plow. Price, - - \$5.25.

FOR CHICKENS, TURKEYS, DUCKS, GEESSE and PIGEONS.

We guarantee our Poultry Pan-a-ce-a to cure Gapes, Cholera and Roup, after they are once established in the flock. It is an egg producer by its invigorating effect upon the organs, thereby enabling them to appropriate food, and aiding in the production of eggs.

For rapid healthy growth of young fowls, for development of bone, muscle and feathers, for indigestion, diarrhoea, leg weakness, and kindred diseases, our Poultry Pan-a-ce-a is without an equal, and an excellent article to feed as a preventative of contagious diseases.

Price—For 24-oz package 35c, by mail 45c.
5 lb " 85c, " \$1.10.

DR. HESS' PRACTICAL POINTS—A complete veterinary work for Farmers, Horsemen, Dairymen, Poultrymen. Mailed free on application.

DR. HESS' STOCK FOOD. Is a Scientific Compound.

For Horses, Cows, Hogs and Sheep.

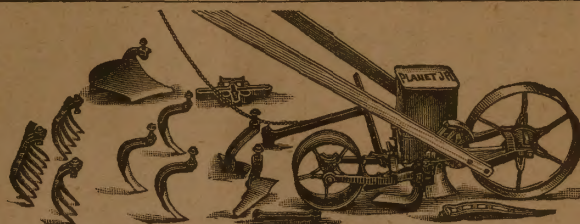
It increases the appetite and improves digestion. It cures epizooty, coughs, distemper, droupy and all blood disorders. It gives life, vigor and energy, removes worms, and is a wonderful flesh producer. It also prevents hog cholera. For coughs, so common to sheep and lambs, it is a positive cure.

Price—12-lb bag, \$1.00.
7-lb bag, 65c.

For Lice on Poultry, Horses and Cattle, also Ticks on Sheep.

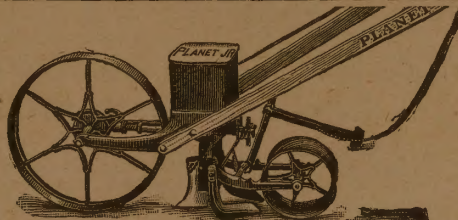
Put up in powder form. Very convenient and lasting. An excellent disinfectant and purifier for barns and out houses.

Price—1-lb package 35c, by mail 40c.



"Planet Jr." No. 4, Combined Hill Dropping Seeder, and Single Wheel Hoe, Cultivator, Rake and Plow.

Price, Complete, \$13.00. As a drill only, \$9.50.



"Planet Jr." No. 5, Market Gardeners' Hill Dropping Seeder. Price, \$15.50.

"Planet Jr." No. 20, Fertilizer and Pea and Bean Drill. Price, - - \$15.50.

The "Fire-fly" Wheel Garden Plow No. 19. Price, - - \$3.00.

"Planet Jr." No. 1, Combination Drill and Wheel Cultivator, Rake and Plow. Price, boxed, \$11.50.

The "Planet Jr." No. 2, Seed Drill. Price, boxed, \$8.75.

"Planet Jr." No. 3, Hill Dropping Seeder. Sows either in hills or continuous rows. Price, \$12.00.

"Planet Jr." Harrow and Cultivator.

Price with wheel, \$10.00.

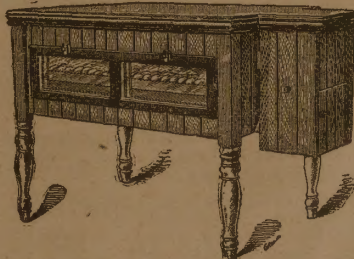
Price, complete \$11.75.



"SAFETY" INCUBATOR AND BROODER

As a Reliable Hatcher the "Safety" Incubator has no equal.

It supplies its own moisture and is absolutely self-regulating, warranted never to over-heat or chill the eggs.



240-Egg Incubator, Price \$30.

Winner of First Prize in 1896 and Silver Medal in 1897 at Toronto Industrial Exhibition for hatching the largest percentage of fertile eggs.

Guaranteed to out-hatch any other Incubator you can buy, and to need no attention whatever, excepting a few minutes every 12 hours.

Incubators and Brooders are supplied with absolutely fire proof lamps, that are made of brass and cast iron, and will last forever.

Built in the following sizes and at the following low prices:

70 egg capacity,	\$14.00
100 " "	20.00
150 " "	25.00
240 " "	30.00
360 " "	35.00

OUR BROODERS are giving perfect satisfaction wherever in use and have no superiors.

100 chick, indoor,	\$10.00
100 " outdoor,	12.00

Sectional indoor Brooders from \$15 up, according to capacity.

For further particulars address, J. A. SIMMERS, Agent.

Tested Standard Incubator Thermometer—Mounted on metal, graduated base, and distinctly marked high and low. Price, postpaid, 75c.



PRATT'S POULTRY FOOD



Very valuable when they are moulting, as it keeps them perfectly healthy. Price—Small package 25c; 2 lb package \$1.00, postpaid \$1.10.



Lambert's Death to Lice

A cheap and effective remedy for all kinds of poultry vermin, lice on horses, cattle, swine, fleas on dogs, ticks on sheep, moths, bed or water bugs, roaches, etc. Don't wait until the chickens droop and die before you use it on them in their coops.

Prices—5 oz box 10c, 15 oz box 25c, postpaid 30c. 3 lb box 60c, postpaid 75c. 100 oz box \$1.25, carriage extra.

DEATH TO LICE OINTMENT

Especially for Head Lice on Chickens. Price per box 15c and 25c.

RUST'S EGG PRODUCER

Price—1 lb package 25c, by mail 30c; 2 lb package 50c, by mail 65c; 6 lb box \$1.00, 10 lb box \$1.50, at purchaser's expense.

RUST'S HAVENS' CONDITION POWDERS

A cure for Gapes and Poultry Cholera, and medicine for Horses, Cattle, Poultry, Sheep and Hogs. Liberal packages, weighing 14 oz 25c, postpaid 30c; 5 lb box (equal to six 25c packages) \$1.00, by express or freight.

RUST'S HAVENS' ROUP PILLS

For Roup, Catarrh, Colds and Distemper. Price per box of 48 pills, postpaid, 25c. Box of 250 pills \$1.00.

Conkey's Roup Cure—Guaranteed to give best results, for Roup or canker, a good preventative and positive cure. Price 50c.

Bowker's Animal Meal—An egg producer. 5 lb pkgs 25c, 25 lb bag for \$1.15, 50 lb bag for \$2.15, 100 lb bag for \$4.00.

CRUSHED OYSTER SHELLS

A most important article for the poultry yard through the winter, and should be liberally supplied to the fowls, as in winter they must be helped out if eggs are wanted. 5 lbs 10c, 20 lbs 25c, 100 lbs 75c.

MICA CRYSTAL GRIT

To aid digestion, it is necessary to feed some gritty material. Mica Crystal Grit supplies this want better than any other article ever known. Price—5 lb bag 10c, 10 lb bag 15c, 20 lbs 25c, 100 lbs \$1.00.

GRANULATED POULTRY BONE—5 lbs 20c, 10 lbs 30c, 100 lbs \$2.00, 200 lbs \$3.75.

Clover Meal—Far superior to cut clover from the fact that there is no waste and every particle is rendered digestible. Price, 5 lbs, 20c; 10 lbs, 30c; 25 lbs, 60c; 50 lbs \$1.00; 100 lbs, \$2.00.

Cut Clover Hay—A rich valuable food. 5 lbs, 20c; 10 lbs, 30c; 25 lbs, 60c; 50 lbs \$1.00; 100 lbs \$2.00.

Herbageum Poultry Spice—Per 2 lb pkg 30c.

Herbageum Cattle Spice—4 lb pkg, 50c; 100 lbs, \$12.00.

SANITARY DRINKING FOUNTAIN

The Sanitary Poultry Fountain is so designed that it can be instantly opened and thoroughly cleaned in a few seconds, thus overcoming the greatest objection to all other drinking fountains.

Price—1 gallon each, 60c; per doz \$7.00.

POULTRY CAPONIZERS

Set of instruments complete, with instructions, \$2.50. In velvet-lined case, \$2.75. We send book, "Complete Guide for Caponizing," with every set.

FRENCH POULTRY KILLING KNIFE—Sent postpaid on receipt of 50c. Sent securely packed by mail, on receipt of price.

PHILADELPHIA POULTRY MARKER

They are well made with steel spring and cutter, nicely nickel-plated. Made in two sizes. Sent postpaid on receipt of price. 30c each.

Roup Syringe—This is one of the best cures for Roup and similar diseases to which poultry are so liable. Postpaid, with instructions, 15c each.

Leg Bands—A For pigeons. B For small fowl. C Medium fowl. D Large fowl. E Extra large fowl. Stamped with number. Price—Copper, 1 doz, 20c; 50, 65c; 100, \$1.25. Aluminum, 1 doz, 25c; 50, 85c; 100, \$1.50.

Philadelphia Gape Worm Extractor—Price postpaid 30c.

LEE'S LIQUID LICE KILLER—For Poultry and Hogs—Saves labor, saves expense, saves time, and saves the fowls and hogs. Where freedom from vermin means hours spent in dusting, dipping or greasing, fowls or animals on the average farm and poultry ranch are seldom free from lice and mites. Put up in tins with full directions for use. Per quart tin, 35c; half gallon tins, 65c; one gallon tins, \$1.00; 5 gallon tins, \$4.50.

Sprayers—For spraying coal oil in poultry house. Price, each \$1.00, \$1.25 and \$1.50.

Egg Tester—The best on the market. 35c.

Nest Eggs—China, 20c doz.

Porcelain, unglazed, these are the best. 30c doz.

Pratt's Poultry Food

Absolutely pure and free from poisons and all other injurious ingredients.

Package containing 8 oz 10c, postpaid 15c, 26 oz, 30c, or 45c postpaid, 5 lb pkg, 75c, 25 lb bag \$2.50 by express. Pratt's Animal Regulator—21 oz box 30c, 42 oz box 60c, 72 oz 90c, 150 oz \$1.80.

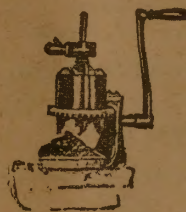
SHERIDAN'S CONDITION POWDER

It is absolutely pure and highly concentrated. Strictly a medicine, it should be given in the food in small doses once daily. Prevents and cures all diseases of hens.

Mann's Green Bone Cutters

Capacity, 10 to 20 lbs per hour.

Many improvements have been added this year. They now feed automatically, both hands are free to operate, and they cannot clog or run hard. It is a perfect small bone cutter, and has no equal for the price. To insure best results get the balance wheel. It is worth far more than the difference in price. These machines are very popular with owners of small flocks. They require so little strength that an eight-year-old boy or a woman can run them. The iron stand is a great convenience, as it requires neither time nor expense to set it up.



No. 1 C.
Weight 30 lbs.
Price, - \$7.50.



No. 1 B.
Weight 55 lbs.
Price, - \$9.50.



No. 1 B.M.
Weight 80 lbs.
Price, - \$13.00.

THE NEW No. 4 B

It is the most perfect Bone Cutter ever made.

Price, New No. 4 B, without legs, \$14.00.
Price, with legs, \$18.00.

Mounted on stand it is 44 inches high.

It surpasses all others in ease and rapid cutting. It feeds automatically, leaves both hands free to operate, and cannot run hard or clog. The cylinder has been greatly enlarged, and bones do not have to be cut so small as before. The feed screw is larger, with a square, coarse thread which will not break, wear out or crush down. The cutter plate has been enlarged, has six specially improved steel knives in place of three, with a rim to guard the gears, which prevents the bone or meat getting into them and clogging. All parts are strongly built, and will not break or wear out.

"You can buy cheaper Bone Cutters, but compared with our New No. 4 B, no other Bone Cutter is cheaper at any price."

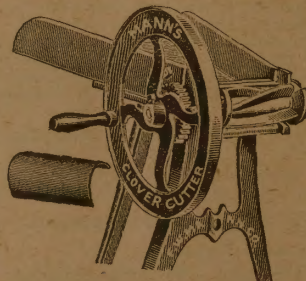
Mann's New Double Hand Bone Cutter No. 8

Remodelled and Improved
Price, \$25.00.

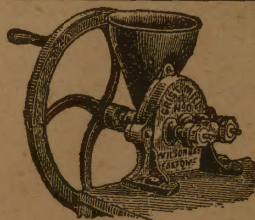
Capacity $\frac{1}{2}$ lb to $1\frac{1}{2}$ lbs per minute.

This machine is adapted for poultry raisers who have a large number of hens, and some one, either boy or hired man, to help them turn. It is the same machine as the single hand, with wheel and geared. Some purchasers, however, of this Double Hand Bone Cutter have given direct testimonials that it is superior to the Single Hand Machine, even for one person to use.

The advantage of two wheels over one are evident to the most casual observer. The ability of two operators to maintain with ease its continued operation, assures a sufficient product to meet the demands of the largest flock, and gives to its owner almost

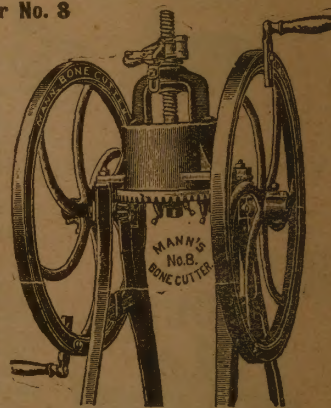


Mann's Clover Cutter



Family Grist Mill No. 0

This mill is especially made for grinding Graham flour or corn meal for table use. It can also be adjusted for cracking the grain if desired. It is a valuable machine to have in the kitchen, as you can have fresh Graham or corn meal when wanted. The grinding surfaces are of very hard material, especially made for this purpose. Weighs 30 lbs. Price (without legs), \$5.00. Price (with legs), \$7.00.



No 8
Weight 180 lbs.

equal advantages with those who own a power plant. Price \$25.00.

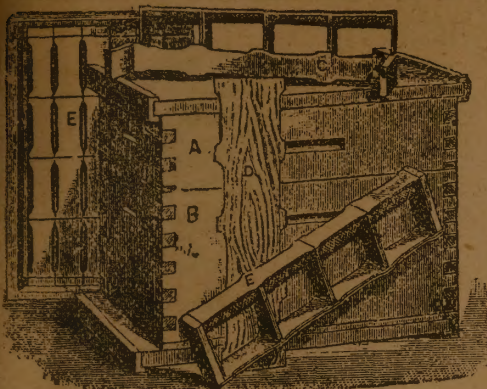
Mann's Bone Cutter No. 2

Same as No. 8, but with only one Balance Wheel.
Price, \$21.00.

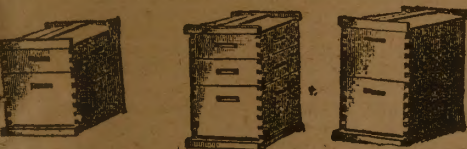
Mann's Clover Cutter

Made entirely of iron and steel.
Price with balance wheel, \$10.00, with balance wheel and stand, \$12.00.

BEE KEEPERS' SUPPLIES



Dovetailed Hive, with Section Super and Parts



No. 1. No. 2. No. 2.

LANGSTROTH HIVES

Prices—No. 1—Dovetailed, bottom board, body of hive with frames, follower; upper story for comb honey with section holders and separators; lid, complete. Each.....\$1 50
The above in the flat, lots of 5. Price.....6 25
10, ".....11 50
No. 2—Dovetailed, same as above, only one extra story for comb honey, nailed, each. 2 00
No. 3—Dovetailed, same as No. 1, only instead of the comb honey super there is an extracting super with light frames and follower. Nailed, each.....1 80
In the flat, lots of 5, price.....7 25
10, ".....13 50

HIVE PARTS

Hive Covers, sheet iron with wood rims and lining, made up, 30c; in lots of 5 in the flat \$1.25.
Hive Bottoms, each, made up, 25c; in lots of 5 in the flat, \$1.00.
Comb Honey Supers for dovetail hive, made up complete 50c; in the flat, single, 40c; in the flat in lots of 5, \$1.75.
Section Holders for comb honey supers, \$1.75 per 100.
Wood Separators—75c per 100.
Self-spacing Brood Frames, made up \$3.00 per 100; in the flat, in lots of 10 at 30c; in the flat, in lots of 100 at \$2.25.
Extracting Super for dovetail hives with frames and followers, each, made up 75c; in the flat, 70c; in the flat, in lots of 5 \$3.25.

SECTION HONEY BOXES

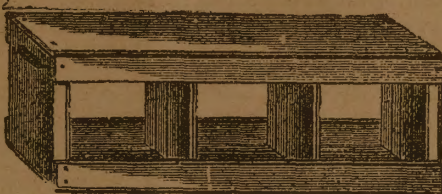
We handle only first-class, polished on both sides, slotted on top and bottom. One piece or four pieces, state which you desire. Size 4x4x14, 15, 7 to foot, 13. State size required, otherwise 13 will be sent. Per 100 50c; 500, \$1.75; 1,000, \$3.50; 3,000, \$9.75. Four piece sections 50c per 1,000 extra. One piece split top sections, 10c per 100, or 50c per 1,000 extra.

FEEDERS

The Miller—Designed to place inside of a super or in the upper story on top of the brood frames. Each 35c; per doz \$3.00.

Simplicity Feeder—5c each; 35c per 10.

Bee Veils—30c.



COMB HONEY CRATES

They are glassed on one side only.

4x4, in flat.....per 10 25 100
Price, 12 three section fronts.....\$1.20 \$2.50 \$9.00
18 ".....1.85 3.00 10.50
Glass included.

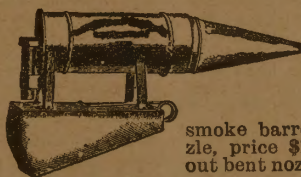
"THE KRETCHNER" SECTION FOLDER

Just the thing to put one-piece sections together. Each 50c.

"THE PORTER" BEE ESCAPE

Put in a board, which is placed between the body of hive and super you wish to clear of bees. The bees can pass to the brood chamber but not return. Each 20c; doz \$2.25.

BEE SMOKER



We offer the "Goold," one of the best smokers made, large and powerful, equal to any work. No. 1, smoke barrel, with bent nozzle, price \$1.25. No. 2, without bent nozzle, \$1.00.

BEEES

We offer the Goold, Shapely and Muir Co. strain of bees. They are in Langstroth hives. Bees to be delivered in May. Price per colony, \$6.50 to \$7.50, including hive, comb, lid and bottom board. The greatest care is taken to insure the safe delivery of all colonies of bees, but customers will please note that after they leave the apiary they are entirely at purchaser's risk.

QUEENS

Grade and Quantity.	April	May	June	July	Aug.	Sept.	Oct.
Untested Queens....	1 25	1 00	1 00	1 00	1 00	1 00	1 00
Tested Queens.....	2 25	2 00	1 50	1 25	1 25	1 25	1 35
Select Tested Queens	3 00	2 50	2 00	2 00	2 00	2 00	2 00
Imported Queens....	7 00	7 00	6 00	5 00	4 00	4 00	4 00

COMB FOUNDATION

The wax is tempered as in nature, making it acceptable to bees, and of even thickness. Price, brood foundation, per lb 50c; section foundation, 60c per lb. (Prices liable to change without notice) If wanted by mail add 10c per lb for postage.

QUEEN OR DRONE TRAPS

The Alley—It is placed over the entrance of the hive, the queen being captured, and thus preventing a swarm from absconding. Each 50c 10 for \$4.

QUEEN'S CAGES

Queen Cell Protectors, each 5c; 10 for 45c; 50 for \$2.00. Queen's cages with feeders, each 10c; 10 for 75c.

PERFORATED METAL

This is used between the upper and lower story to prevent the Queen from passing up. Also used for drone guards and queen traps. Per square ft. 12c.

EXTRACTORS

Our extractors are made of the very best material, steel frames. Give size of frame in ordering.
No. 1—Two frame machine \$5.50.

New Goold—Can be made to fit any size frame, sometimes two sizes but the size must be given when ordering—two frame, \$7.00; four \$8.00.

Goold Reversible—Two frame Langstroth, \$18.00; four frame, \$15.00.

Other sizes, prices on application.

HONEY KNIVES

Ebony handle and fine mirror finish. Each \$1.00.

RUBBER GLOVES

For handling bees. Ladies' half-long, sizes 6, 7, 8 and 9, per pair \$1.65. Gentleman's half-long, sizes 10, 11 and 12, per pair, \$1.85. In ordering by number remember that if you wear No. 5 in kid you will need No. 7 in rubber.

BEE BOOKS

Langstroth on the Honey Bee—Price \$1.25.

A. B. C. of Bee Culture—Price \$1.25.

Bee Keeping Explained—Quinby. Price \$1.

Canadian Bee Journal—\$1.00 per annum.

SPRATTS PATENT LIMITED

Carriage paid by customers except where noted. Spratts Descriptive Catalogue mailed free on application.

SPRATTS DOG CAKES

Patent Meat "Fibrine"
Vegetable Dog Cakes
with Beetroot—Per 100 lbs.
7.00, 50 lbs \$3.50, 25 lbs \$1.75.
10 lbs 75c, 5 lbs 40c, 3 lbs 25c.
Patent Charcoal Dog
Cakes—Per 100 lbs \$7.00.
Patent Greyhound Meat
Fibrine Dog Cakes
with Beetroot—Per 25 lbs
1.90.
Oatmeal Plain Round
og Cakes—Per 100 lbs \$8.00
Plain Round Dog Cakes—Per 100 lbs \$5.00.
Puppy Cakes—3 lbs 30c, 5 lbs 50c, 25 lbs \$1.90.
Pet Dog Cakes—3 lbs 35c, 5 lbs 55c, 25 lbs \$2.
Patent Cod Liver Oil Dog Cakes—3 lbs 35c,
5 lbs 55c, 25 lb box \$2.



Orphan Puppy Food—Per tin 3 lbs \$1,
lb 50c.
Peppinated Puppy Meal—Sample tin 25c,
2 lbs 50c.
Plain Puppy Meal—5 lb bag 50c.
Puppy Bone Meal—Per tin, 2 lbs, 25c.
Granulated Bone—100 lbs \$3.00, 50 lbs \$1.75.
Cardiac—A tonic powder. Sample 10c, per lb
25c, postpaid.
Patent Poultry Meal—Per 100 lbs \$6, 50 lbs
\$3.25, 25 lbs \$1.75, 10 lbs 75c.
Patent Game Meal—Per 100 lbs \$6, 50 lbs
25, 25 lbs \$1.75, 10 lbs 75c.

Ground Beef XXX—Per 100 lbs \$3, 50 lbs \$1.60,
25 lbs 85c, 10 lbs 40c.
Granulated Prairie Meat "Grissel"—Per
100 lbs \$4.50, 25 lbs \$1.25, 10 lbs 60c.
Pigeon Food—50 lbs \$3.25, 25 lbs \$1.75, 10 lbs
75c.
Fish Meal—Per 100 lbs \$5, 50 lbs \$2.75.
Imported Dog Brushes, Combs and
Chains—Price on application.
Dog Soap—Per cake 25c.

SPRATTS DOG MEDICINES

All medicines in bottles. Bottles or tins free by mail

Alterative Cooling Tablets—Price 50c.
Anti-Rickets Tablets—Price 50c.
Cough Pills—Per box 50c.
Diarrhoea and Dysentery Cure—Price 50c.
Distemper Tablets—Price 75c.
Canker of the Ear Cure—Price 50c.
Eczema and Sarcopit Mange Cure (Oily)
—Per bottle 50c, 1/2 gallon \$2.00.
Eye Lotion Tablets—Price 50c.
Fit Cure Tablets—For Chorea or St. Vitus
Dance. Price 50c.
Hair Stimulant and Restorer—Bottle 50c.
Insect Powder—Per tin 25c.
Jaundice Tablets—50c.
Locurium—Price 50c.
Mange Cure—Bottle 50c, half gallon \$2.
Purgative Tablets—Per box 50c.
Rheumatism and Sprain Liniment—Per
bottle 50c.
Tonic and Condition Tablets—Price 50c.

We are Agents for all Spratts
Manufactures and Supplies

Vermifuge Capsules—Price 50c.
Puppy Vermifuge Capsules—Price 50c.

DISENFECTANT—Crude "Sanitas" Disinfecting
Liquid. Per bottle 45c, half gallon \$1.40.

SPRATTS BOOKS

The Common Sense of Poultry Keeping

—By Spratts Patent. 10c.

The Common Sense of Pheasant Rearing

—By Spratts Patent. 10c.

The Common Sense of Dog Doctoring

—By Spratts Patent. 25c.

Kennel Secrets—By Ashmont. (Illustrated).

\$3.00, postage 30c extra.

Modern Training, Handling and Kennel

Management—By B. Waters. (Illustrated).

\$2.00, postage 20c extra.

My Dog and I (written especially for the novice

by H. W. Huntington. \$1, postage 5c extra.

The American Book of the Dog—By G. O.

Shields (Coquina). \$3.50, postage 40c extra.

The Book of the Dog (with portraits)—By

Vero Shaw. \$3.00.

"Diomed"—By John S. Wise. (Illustrated) \$2.

Pocket Kennel Records—50c each.

Pedigree Blanks—3 for 10c, doz 30c.

Vogel, Fische und Haustihere—von Edw.

S. Schmid, Washington D.C. Price 25c.

The Cat—By R. S. Huidekoper. A guide to

classification and a short treatise on their care, etc.

Cloth. \$1.00.

Rackham's Poultry Directory—Price \$1.00.

Postpaid. 89

TALKS ON MANURE—By Joseph Harris, M.S., 366 pages, contains ample information on Manures and Fertilizers, their use, utility, effectiveness, etc. Price, bound in cloth, \$1.75 postpaid.

FERTILIZERS, a New Edition—Where to get formulas for various crops, how to apply. By J. J. H. Gregory, paper. Price, 40c, postpaid.



Potato Manure

Ammonia, 3 to 4%
Phosphoric acid 8 to 10%
Potash, 5 to 7%

May be used in the hills or rows, mixing and covering with earth, provided it is scattered well. Use three sacks and upwards per acre on ordinary land. Price, per lb 10c, 10 lbs 50c, 100 lbs \$2.25, 200 lbs \$4.00, per ton \$35—discount of 5 per cent, for cash on orders of one-half ton and over.

"Sure Growth"

For Grain, Grass
Grapes, Vegetables,
Etc.

Ammonia $\frac{3}{4}$ to 5%; Phosphoric Acid, 8 to 10%;
Potash, 3 to 4%.

It is adapted to all soils, and not only yields immediate results, but is also lasting in its effects. It gives the growing crop a vigorous start, and will greatly increase the yield. Price, per lb 10c, 10 lbs 50c, 100 lbs \$2.25, 200 lb sack \$4.00, per ton \$36—discount of 5 per cent, for cash on orders of one-half ton and over.

Bone and Potash

Ammonia, 2 to 3%; Phosphoric Acid, 9 to 10%;
Potash, 6 to 8%.

Those who think they had rather have bone ought also to have combined with potash, since potash is fully as essential as bone. Price, per lb 10c, 10 lbs 50c, 100 lbs \$2.25, 200 lbs \$4.00, per ton \$35—discount of 5 per cent, for cash on orders of one-half ton and over.

Pure Bone Meal

Ammonia, 3 to 5%; Phosphoric Acid, 23 to 25%.

We guarantee our ground bone to be a strictly genuine article. It is made from clean, dry bones. We recommend it chiefly for grass and land feeding purposes. Per lb 10c, 5 lbs 30c, 10 lbs 50c, 25 lbs 75c, 100 lbs \$2.00, 200 lbs \$3.75, per ton \$34.00—discount of 5 per cent, for cash on orders of one-half ton and over.

Bone Flour

Per lb 10c, 10 lb 50c, 50 lb \$2.00, 100 lb \$3.50.

Potash Fertilizers

Excellent for FRUIT TREES, GRAPE VINES, ETC.

Beaver Brand—10 to 14% of Potash and Phos. Acid and from 30 to 40% of Bone Phosphate and Wood Lime. In barrels of 250 lbs \$5.00, per ton \$30.00.

Star Brand—16 to 20% of Potash and Phos. Acid, and from 25 to 35% of Bone Phosphate, and the same of Wood Lime. Per barrel of 200 lbs \$5.00, per ton \$40.00.

Harris' "Animal Manure" (H)

100 lbs \$1.50, ton \$25.00.

Harris' "Blood and Bone Fertilizer" (C)

100 lbs \$1.50, ton \$25.00.

Celery and Early Vegetable Manure

Ammonia, 6 to 8%; Phosphoric Acid, 9 to 10%;
Potash, 6 to 8%.

It has been used on celery planted on very poor ground, producing remarkable results, by dissolving a teaspoonful to a gallon of water, applying it twice a week (keep well stirred while applying). It can also be used on Celery by mixing $\frac{1}{2}$ to $\frac{3}{4}$ gypsum. Price, per lb 10c, 10 lbs 50c, 100 lbs \$2.75, 200 lbs \$5.00, per ton \$45—discount of 5 per cent, for cash on orders of one-half ton and over.

Farmers Grass and Grain Manure

Ammonia, 12 to 3%; Phosphoric Acid, 9 to 11%;
Potash, 1 to 2%.

This brand will be found to be an excellent fertilizer for pasture lands and top dressing, also for young orchards, small fruit and a general crop raiser. Price, per lb 10c, 10 lbs 50c, 100 lbs \$1.50, 200 lb sack \$2.75, per ton \$25—discount of 5 per cent, for cash on orders of one-half ton and over.

Bowker's Sure Crop

Analysis—Ammonia, 1%; available Phosphoric Acid, 8%; Total, 11%; Potash, 2%.

Price, per 100 lbs \$1.75, per ton \$30.00.

Alberts' Concentrated Horticultural Manure

Is soluble in water, and contains the correct proportions necessary to produce the very best results in growing flowers. Price, per lb 15c, 10 lbs \$1.25, 100 lbs \$9.00.

Write for descriptive pamphlet, which gives full particulars regarding Alberts' Manures.

Nitrate of Soda

This is valuable solely for the nitrogen it contains, equal to 20 per cent, of ammonia. It is chiefly a stimulant; it is used in addition to other fertilizers. It is very quick in action and hastens the maturity of crops fully two weeks, and besides renders the mineral plant food of the soil more assimilable. It is the best of all substitutes for stable manures. 100 to 150 lbs per acre, mixed with wood ashes or land plaster for convenience in applying, are generally used. Price, per lb 10c, 5 lbs 30c, 10 lbs 50c, 25 lbs \$1.00, 50 lbs \$1.65, 100 lbs \$3.00.



FOOD FOR FLOWERS

Soluble in Water, Free from Odor and Clean to Handle.

Bowker's Plant Food

A fertilizer made expressly for plants grown in the house, garden or conservatory; clean, free from offensive odor, soluble in water and producing healthy plants, free from vermin, with early and abundant blossoms, to which it imparts luxuriant growth and rich and brilliant flowers.

This plant food has been sold by us to hundreds of lovers of flowers in Canada, especially during the winter and spring months, never failing to give entire satisfaction to the purchaser, and has produced great gratification by the surprisingly pleasing results in consequence of its having been applied according to directions which accompany each package sent out. **Price No. 1 Regular Sized Package**, sufficient for 20 plants for one year, 35 cents. **No. 2 Package**, sufficient for 20 plants for three months, 25 cents. Postage paid on receipt of price. Price in bulk, 4 lbs 60c; by mail (postpaid) 80c; 5 lbs 75c; by mail (postpaid) 95c; 10 lbs \$1.25 per express.

DAIRY SUPPLIES

Babcock Milk Testers—Every dairyman who keeps a half-dozen cows ought to provide himself with one of Babcock's Milk Testers, if he cares the snap of his finger to know whether he has a cow in the herd that is worth keeping. More than one cow "eats her head off" every year she is kept.

4 Bottle Tester, complete.....\$6 00 | 8 Bottle Tester, complete.....\$3 00
6 Bottle Tester, complete..... 7 00 | 10 Bottle Tester, complete.....10 00
Boxing 25c extra. Test bottles, Acid measure, Pipette and one half gallon Sulphuric acid with each machine.

Parkes Jersey Butter Color—Price, per bottle 15c and 25c each.

The Little Detective—Will show in less than 2 minutes whether or not water has been added to pure milk. Sent to any address, postpaid, \$1.00.

Parchment Paper—for packing and preserving butter—1 lb Butter size, 8x11, \$1.35 per 1,000 sheets, 100 sheets 15c, postpaid. 2 lb Butter, size 10x13, \$2.25 per 1,000 sheets, 100 sheets 25c, postpaid. Tub size, 12x36, \$1.00 per 100 sheets. Full sized sheets, 24x36, \$1.50 per 1,000 sheets.

Imitation Parchment—8x11, \$1.00 per 1,000 sheets.

Printing—\$1.00 per 1,000 sheets extra.



Price
50c.

Thermometers—New Float—Will stand upright. The scale stands up out of the milk so that it can be easily read. Each 50c.

Ordinary Float—Price.....each 40c

MILKING TUBES

For Sore and Obstructed Teats and Hard Milking Cows

Coin Silver—PRICES—Set of four tubes, $\frac{1}{4}$ inch, \$2.00, each 50c; special lengths, 2 $\frac{1}{2}$ inches, each 65c; 2 $\frac{1}{2}$ inches, each 80c; 3 $\frac{1}{2}$ inches, each 95c; 3 $\frac{1}{2}$ inches, each \$1.10; 4 $\frac{1}{2}$ inches, each \$1.25. Larger tubes in proportion.

Plated Silver—From 2 to 3 $\frac{1}{2}$ inches in length—25c each, postpaid.

Butter Ladles—Factory size, each 50c; Dairy size.....each 25c.

Butter Mould and Printer—Has all the advantage of the higher priced moulds, and does the work equally as well. 1 lb size, pair 75c.

Lever Butter Worker—Cheapest and best; made of the best white ash and warranted complete in every respect.

No. 0—20 inches wide, will work 15 lbs.....\$4 00

No. 1—30 inches wide, will work 25 lbs..... 5 00

No. 2—40 inches wide, will work 35 lbs..... 5 50

No. 3—Factory size, will work 60 to 75 lbs..... 10 00

Improved Daisy Barrel Churn—The Daisy Churn has become a popular favorite with the Canadian farmers generally—the large creameries and scientific butter makers in particular. It is made of the very best quality of white oak; has no iron to come in contact with the cream; has no dashes or breaks inside, and is the easiest churn to clean ever made. The inside is perfectly smooth.

No. 0—Seven Gallon Churn for one cow.....\$3 50

No. 1—Nine Gallon Churn, churns from 1 to 4 gallons..... 3 75

No. 2—Fifteen Gallon Churn, churns from 1 to 7 gallons..... 3 90

No. 3—Twenty Gallon Churn, churns from 1 to 9 gallons..... 4 20

Steel Frame 50c extra.



Dr. Hess' Stock Food

Formulated by a Physician and Veterinary Surgeon.

THE ONE SCIENTIFIC COMPOUND FOR
Horses, Cattle, Hogs and Sheep

FOR HORSES

It gives life, vigor and energy, removes worms, and produces a fine, smooth, glossy coat, and is a wonderful flesh producer.

It increases the appetite and improves digestion. It cures epizooty, coughs, distemper, dropsy and all blood disorders.

FOR CATTLE

and blood disorders of cattle of any age, this Food is of great value. It is excellent in preparing cattle for market.

It increases the quality and quantity of milk, whets the appetite and improves digestion. In disease, ill condition

FOR HOGS

build up tissue and ward off contagion. It impairs digestion which opens the gate-way to disease. Dr. Hess' Stock Food prevents fermentation of the food, provides the essential bitter tonics necessary to promote digestion; supplies the restoratives which by nature belong in the blood and give power to

We call special attention to Dr. Hess' Stock Food in preparing hogs for market. The ration of the average farm hog is made up of material that no other animal will consume. The wonder is that all do not succumb to such diet.

Slow growth, stunted condition, constipation, partial or complete paralysis of the hind legs, diarrhoea due to indigestion or worms are speedily overcome by the use of DR. HESS' STOCK FOOD.

DR. HESS' STOCK FOOD

stands superior to all as a preventive and inferior to none as a cure for hog cholera.

FOR SHEEP

often present in the winter months. In preparing sheep for market it pays many times its cost in aiding assimilation and the consequent rapid development. It is a wonderful aid in developing and sustaining the vigor of lambs. It will be found of great value when fed to ewes at lambing time.

It fills a valuable place in giving vigor, health and tone to every organ. It relieves coughs, overcomes the debility so

**POSITIVELY GUARANTEED TO GIVE SATISFACTION
OR MONEY REFUNDED**

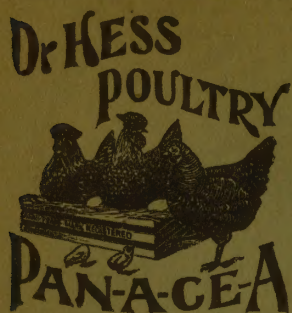
PRICE—	7 lb. Bag	.. .. .	\$0.65
	12 lb. Bag	.. .. .	\$1.00

Address all Orders to

J. A. SIMMERS

147, 149, 151 KING STREET EAST

TORONTO, ONT.



The Two Scientific Compounds for Poultry

Dr. Hess' Poultry Pan-a-ce-a and Instant Louse Killer

DO YOUR HENS LAY?

If not, feed DR. HESS' POULTRY PAN-A-CE-A. It is not a stimulant but a good reliable tonic, which produces eggs nature's way, not by over-stimulating the system, but by repairing the tissue, by enabling the organs to appropriate egg-making material.

ARE THEY SICK?

If so, there is just about one thing to do—feed DR. HESS' POULTRY PAN-A-CE-A as directed.

GAPES, CHOLERA AND ROUP

Yield to its influence. It is positively the only preparation that will actually cure diseases when once established in the flock.

PRICE—1½ lb. Package, 35c.—By Mail, 40c.

“ 5 lb. Package, 85c.—By Mail, \$1.10.

DR. HESS & CLARK, ASHLAND, OHIO.

London, Ont., Nov. 9th, 1896.

Gentlemen:—We, the Members of the London Poultry and Pet Stock Association, having this fall given your Pan-a-ce-a a good trial, find it an excellent preparation for Colds, Roup, Indigestion and kindred diseases, and can truthfully say that it is the most effective remedy we have ever tried, and have no hesitation in recommending it to breeders of poultry as being perfectly reliable and all you claim for it. We would recommend it, more especially to breeders of fine poultry for exhibition whose stock is more or less exposed to draughts, over-feeding, etc. We have also used your Instant Louse Killer, and find it very effective; it is also an excellent disinfective.

Yours respectfully,

THE LONDON POULTRY AND PET STOCK ASSOCIATION,

By RICHARD OKE, Secretary.

Testimonial from
London Poultry and
Pet Stock
Association



INSTANT LOUSE KILLER KILLS LICE

Ticks, Fleas, Moths, Ants and All Kinds of Vermin

Probably no single enemy is so universal among stock and poultry as lice. Realizing these facts we have been prompted to formulate our INSTANT LOUSE KILLER. It is not a poison, but lasting, effectual, convenient to use, and the cheapest article that can be had. It is put up in round cans with perforated lids, ready for use.

As a Deodorizer and Disinfectant it is entirely reliable for poultry houses, stables, pigeon lofts, pig pens, sheep stables, sinks, water-closets, vaults, cesspools, garbage boxes, kennels, etc. It serves as an absolute preventive of diseases, and will speedily destroy all parasites that inhabit such places.

It is especially adapted for the destruction

of sheep ticks, being a powder and easy to apply, overcoming the great disadvantage of dipping.

DR. HESS' POULTRY PAN-A-CE-A AND INSTANT LOUSE KILLER

Were awarded Medals at the TORONTO EXHIBITION; Medals at the WESTERN FAIR, LONDON; First Premium at Chicago Poultry Show; First Premium at St. Louis Poultry Show; First Premium at Rock Island Poultry Show. Indorsed by the London Poultry and Pet Stock Association, St. Louis Fanciers' Association, Rock Island Poultry Association, Davenport Poultry Association, by the President of the American White Plymouth Rock Club.

Thousands of testimonials on file.

PRICE—1 lb. Package, 85c.—By Mail, 40c.

Some Specialties.

CLIMBING NASTURTIIUMS

MAD. GUNTHER'S HYBRIDS.

For richness and variety of colors these new hybrids have no equals among Nasturtiums. There are shades of rose, salmon, brightest red, pale yellow, either as self-colors or spotted and striped. The foliage is mostly dark and contrasts very effectively with the rich colors. They are climbers and free and continuous bloomers. It is impossible to describe all the different colors, but some of the most striking are as follows: White, shaded carmine on the edges, with deep maroon throat; golden-yellow, shading brown on the edges; yellow, shaded and mottled with carmine; white, with red blotches; shrimp pink, with deep maroon throat; shrimp pink, self-color; rose; bright yellow; orange, etc. It contains a great many colors that are not found in any other mixture. Price, large pkt, 10c; oz, 15c; $\frac{1}{2}$ lb, 40c; lb, \$1.35, postpaid.

SIMMERS' SPECIAL MIXTURE OF

Climbing Nasturtiums

We call special attention to this mixture. In it will be found all the choicest colors of the tall Nasturtiums. The color combinations in these flowers are simply superb, such a wealth of rich maroon, crimson, scarlet, magenta and claret shades, marbled and mottled, streaked, spotted and splashed with white, cream, pink and rose. The flowers are much larger than those of the old-fashioned kind, and in nearly all of them the petals overlap each other so as to make perfect flowers. These climbing Nasturtiums are admirably adapted for covering verandahs, trellises and tree trunks, and by virtue of their long stems and the lasting qualities of their flowers are most useful and handsome cut flowers for bouquets, vases, buttonholes, etc.

Price—Per large pkt, 10c oz, 15c; 2 oz, 25c; $\frac{1}{2}$ lb, 45c; lb, \$1.50.

SIMMERS' SPECIAL MIXTURE OF

Dwarf Nasturtiums

Dwarf Nasturtiums are most admirably adapted to beds and borders in every garden. Their low neat, even, bush-like growth, the abundance of their flowers in their endless variety of colors, their long season of bloom—from June until late in the Fall—and the little care that they require make them really the "busy man's flower." *Simmers' Special Mixture* of Dwarf Nasturtiums will give a larger variety of colors in even proportions than any other Nasturtium Mixture, for it is put up by ourselves from named sorts—the richest and most varied combination of colors ever produced, showing odd colors hitherto unknown among flowers.

Price—Per large pkt, 10c; oz, 15c; 2 oz, 25c; $\frac{1}{2}$ lb, 45c; lb, \$1.50.

JAPANESE IMPERIAL MORNING GLORIES

Their varieties of color are infinite, running from snow-white through all possible shades of blue and of red from palest pink to darkest reds and purples. They are streaked, mottled, striped, marbled and bordered in wonderful fashion, and sometimes show rare shadings of ash grey, bronze, terra cotta, brown and slate blue, colors rarely found in any other



Morning Glory



Nasturtium

SPECIAL OFFER—One pkt each Tall and Dwarf "Special" Mixture Nasturtium for 15c; one ounce each for 25c; $\frac{1}{2}$ pound each for 75c, all postpaid.

flowers. But not only are the colors of extraordinary richness and variety, but their forms are often very unique and odd. Some have their petals separate clear to the base, and many have fringed, quilled or ruffled edges. The leaves are also very handsome. Some are rich green, while many are streaked and marbled with white and silvery grey or yellow. Like their hardy brothers, the Common Morning Glory, they flower right on from the beginning of summer until overtaken by frost.

Single Japanese Morning Glories—Price, per pkt, 5c, oz, 25c.

Double Japanese Morning Glories—These are similar to the above, and produce a large percentage of double flowers. Price, per pkt, 5c.

The Brazilian Morning Glory

IPOMCEA SETOSA

It grows with the greatest vigor and luxuriance, branching and climbing in all directions. The leaves are 8 to 12 inches across and are borne from the ground up, overlapping each other and making a dense shade. Every part of the vine is thickly covered with short reddish hairs, which, with its immense leaves and large clusters of curious seed capsules, render it highly ornamental and give it quite a tropical appearance. The flowers, which open in the morning, are three or more inches across, of a beautiful rose color and are borne in large clusters. Per pkt, 5c.

Yellow Morning Glory "*Ipomoea Chrysantha*"

No one who has a trellis or arbor to cover should neglect this new Morning Glory, the most rapid growing of all annual climbing vines. The vines are literally covered with thousands of beautiful, pure yellow fragrant flowers, opening in the morning and remaining open until evening. Planted in rich ground, in a sunny situation, and given plenty of water, the vines attain a height of 75 feet. Price, pkt, 5c.

Ipomoea "Northern Light"

This plant has blooms some two inches in diameter, of pink lavender color, which come earlier in the season than any of the *Ipomoeas*, which open in the evening. The foliage is large and handsome and remarkable in its drought-resisting qualities, the plant remaining green and fresh when others are yellow and withered from lack of moisture. The plants are the most rampant growers from time of germination. Price, pkt, 5c.

Special Offer—1 pkt of each of the 5 Morning Glories 20c.

Simmers' Home Garden Collection

—OF—

Hardy Roses

The Home Garden Collection of six Hardy Roses contains, in our opinion, the best six hardy varieties it is possible to obtain in that number, all being invaluable for garden planting. This is, we believe, the finest collection ever grouped in one offer and at such a low price. Space will not permit us to illustrate all of them, although each is worthy of it.

The great advantage of this offer is that you get combined in one Collection, Hybrid Perpetual, Climbing, New Sweet Briar, and Moss Rose, without the expense of having to buy each one separately.

La France—Hardy hybrid perpetual, splendid satin pink, large and full, a constant bloomer, fragrant. Each 30c.

Baron de Bonstettin—Hardy hybrid perpetual, color dark velvety crimson, very double and a vigorous grower, fragrant. Each 30c.

Felicite Perpetue—Hardy climber, evergreen, color creamy white, a beautiful rose, very double. Each 35c.



Boston Ivy—(*Ampelopsis Veitchii*)

AMPELOPSIS

Ampelopsis Veitchii (Boston Ivy)—This very attractive clinging vine will be readily recognised by our readers when we remind them that its glossy ivy leaves overlap each other and its long, delicate young shoots stretch up the stone walls of our finest city residences. The tendrils at nearly every joint cling firmly to the smoothest surface of rock or wood. The glossy leaves assume in the Autumn the most beautiful tints of scarlet and crimson. The handsomest vine possible for growth on house walls, especially the foundation and

first story, round the doors and windows. It is quite hardy, but some protection of straw may well be used immediately around the plant in Winter. We quote many sizes. 15 inches, 15c; 2 feet, 25c; extra, 3 feet, 40c; 3 for \$1, prepaid. Or not prepaid, 15 inches, 5 for 60c; doz., \$1; 2 feet, 6 for 90c; doz., \$1.50; extra, 3 feet, 6 for \$1.25; doz., \$2.25.

CLEMATIS

The royal purple of this splendid, everblooming flower may well be said to mark it as a prince among all hardy flowering vines. We presume every one of our customers who sees it bloom each Summer promises to plant it in his own yard or garden at the next opportunity. It is especially adapted to open lawns or house fronts in the city or country. Perfectly hardy; blooms the entire season, bearing beautiful and lasting flowers.

Jackmanii—The flowers when fully expanded, are from 4 to 6 inches in diameter; intense violet purple, of a rich velvety appearance, distinctly veined. It flowers continually from July until cut off by frosts.

Clematis Paniculata—A vine of very rapid growth, quickly covering trellises and arbors with handsome, clean, glossy green foliage. The flowers are of medium size, pure white, borne in immense sheets and of a most delicious and penetrating fragrance. The flowers appear in September, at a season when few other vines are in bloom. The extreme rapidity of growth, the showy foliage, beautiful and fragrant flowers and hardihood, serve to make this one of the very choicest of recent introductions. Each, 20c; 3 for 50c; extra large, field grown plants, each, 40c; 3 for \$1, postpaid.



Maman Cochet

Crimson Rambler—A fast climber, hardy and very desirable, flowers grow in clusters. Each 40c.

Lady Penzance—Sweet Briar, soft copper color, base of petals yellow, very fragrant. Each 40c.

Salet—Moss, bright pink, bluish edge, very mossy. Each 40c.

SPECIAL OFFER—Our Home Garden Rose Collection one two-year-old bush of each kind for \$1.75.

For our Complete List of Roses see pages 74 and 75.

New Tuberous-Rooted Begonia, Duke Zeppelin.

A most useful and attractive variety that should soon become a favorite for bedding, possessing the great advantage over other tuberous-rooted Begonias of delighting in full sunshine. It is of dwarf habit, growing from 6 to 8 inches high, throwing up well above the foliage numberless stems bearing full, double dazzling-scarlet flowers, giving the whole plant a brightness, grace and elegance difficult to describe. A bed containing about 500 plants of this variety, for gorgeous effect, eclipses anything we ever saw. Strong bulbs 30c each; \$3.00 per doz.

HONEYSUCKLES

For real home vines, to be near you, climbing over your windows and doorways, there is nothing prettier than fine, sweet-scented Honeysuckle; the foliage is pretty, neat and clean, the flowers almost continuous, and their fragrance delicious. The variety described below is the very best.

Monthly Fragrant—Beautiful variegated flowers; blooms all the summer. Strong plants each 60c.



Duke Zeppelin Tuberous Begonia.



Clematis Jackmanii



Clematis Paniculata

Address all orders to **J. A. SIMMERS, 147-149-151 King Street East, TORONTO, CAN.**

SIMMERS'
"Toronto
Parks"

Lawn Grass Seed

IS THE BEST FOR OUR CANADIAN CLIMATE.

With it you can make

**LAWNS, GRASS PLOTS, CRICKET
GROUNDS, TENNIS COURTS, ETC.**

AS SOFT AS VELVET AND AS GREEN AS EMERALD
ALL SUMMER LONG.

PRICE 25 CENTS PER POUND, POSTPAID 30 CENTS PER POUND

SPRING being the most favorable time for sowing lawn grass seed, we would advise every person intending to sow a piece of ground for a lawn to have it in good time richly manured and carefully dug, levelled and raked, and after procuring a proper mixture of such grasses as we offer, for the purpose of procuring a good lawn, sow the same rather thick, carefully and evenly on a calm day. The sower should be provided with boards strapped to his boots to prevent his feet from sinking into the ground and producing holes. The sowing should be commenced on one end of the ground and the seed be gently raked into the ground as it is sown. To protect the fine germ of the grasses from the rays of the sun in spring and summer following, it is advisable to mix a moderate quantity of rye among it when sowing the grass seed. As the rye grows much more vigorously than the grass seed, it has to be cut frequently, and as soon as it is about six inches in height; it should never be allowed to grow above this height. In the autumn the rye will perish of itself, leaving only the perennial grasses, which by that time will have gained sufficient strength to do without protection, excepting, perhaps, a slight covering of litter during the winter. Care should be taken to prevent any one passing over or using the ground the first year, and until it is sufficiently settled.

The Lawn Grass Seed we offer is a judicious mixture of the most hardy and desirable kinds. The quantity required for an acre is from 30 to 50 lbs.; or for renovating old lands, 20 to 30 lbs.

A beautiful lawn, with its close, velvety turf, is a most essential feature in the adornment of all suburban homes—without it the finest flowering plants and bedding seem insignificant, while with it, handsome grounds are assured, even with no other adornment.



"Shady Nook," Mixture—Per lb 35c, postpaid 40c.

"JADOO" FIBRE

A New Material in which every plant thrives without earth.

A great boon to growers and lovers of flowers, whether plants, cuttings, bulbs or seeds. Success made easy and sure with the finest and most difficult Greenhouse Seed, such as Primulas, Cinerarias, Calceolarias, Double Petunias, etc. The most difficult plants and bulbs to grow (which are very often the most beautiful also), will grow, thrive and bloom in "Jadoo" with ease and certainty. Bulbs for winter blooming potted in "Jadoo" will flower sooner, better and larger, while the material is cleaner, more pleasant and lighter than soil.

Price of "Jadoo" Fibre by Freight or Express at Buyer's Expense—100 lbs., \$3.00; 25 lbs., \$1.10; 10 lbs., 50c; 5 lbs., 30c.

CONCENTRATED "JADOO" LIQUID

Both Meat and Drink to Plants.

Is simply invaluable in Pot Culture, and is the cheapest Fertilizer sold. Both meat and drink to plants. Revives drooping plants, strengthens the weak and nourishes the strong; above all, it increases the size, causes greater profusion of bloom, and heightens the colors of all flowers and plants. Can be used on flowers and plants that are grown in earth or "Jadoo Fibre."

Price of "Jadoo" Liquid, by freight or express, at buyer's Expense—Pint bottle, 25c; 1 gallon, \$1; 2 gallons in jacketed can, \$1.75.

Mix with the "Jadoo" Liquid before using, forty-eight parts water to one part Liquid. This will not only be found useful for plants grown in "Jadoo" Fibre, but also for watering plants in earth. It is the Cheapest Fertilizer that can be bought.



**TORONTO
PARKS MIX-
TURE, Finest
Quality (with or with-
out White Clover)—Per lb 25c.**

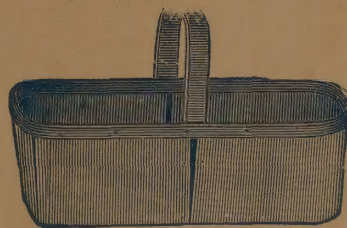
postpaid 30c, 5 lbs \$1.15, 10 lbs \$2.20, 25 lbs \$5.25, 50 lbs \$10.00, 100 lbs \$20.00.
White Dutch Clover, for mixing with Lawn Grass Seed—Per lb 30c.

"SHADY NOOK" MIXTURE—For sowing under trees and in shady places. It will not only grow in such places, but forms a fine sward where few other grasses can exist. Sow 40 lbs per acre. Per lb 35c, postpaid 40c.

BLUE GRASS, Extra Clean—Per lb 15c, 10 lbs \$1.40.

RED TOP, Extra Clean—Per lb 15c, 5 lbs 70c, 10 lbs \$1.40.

SIMMERS' LAWN ENRICHER, for old and new lawns—For full description see previous page. 5 lbs 50c, 10 lbs 75c, 25 lbs \$1.50, 50 lbs \$2.75, 100 lbs \$5.00. Prices for larger quantities on application.



Fruit Basket



FRUIT BASKETS

Fruit Growers,
Farmers and Gar-
deners will find our
Baskets, which are
of the Oakville manufacture,
the best in the market.



Berry Box

16 Quart or 20 lb. Basket—without covers. Per doz 60c, per 25, \$1.15, per 100, \$4.10.



24 Quart Basket Crate

Pickers' Field Baskets—Each 10c, per doz \$1.00.

12 Quart or 16 lb. Basket—Per doz 50c, per 25 \$1.00, per 100 \$3.75.

8 Quart or 10 lb. Basket—Per doz 45c, per 25 90c, per 100 \$3.50.

Patent Leno Covers, for any of the above—Per doz 25c, per 25 40c, per 100 \$1.50.

Wood or Veneer Covers—Per doz 20c, per 25 35c, per 100 \$1.25.

5 lb. Grape Basket without cover—Per doz 45c, 100 \$3.25.

24 Quart Crate, including cover—Each 15c, doz \$1.50, per 25 \$3.00.

Slats for 54 Quart Crates—Per doz 45c, per 25 85c, per 100 \$3.00.

Berry Boxes, one quart—Per 100 40c, per 1,000 \$3.00, per 3,000 at \$2.90 per 1,000.

Plant Boxes—Per 100 70c, per 1,000 \$6.00.

J. A. Simmers

SEED MERCHANTS & GROWERS

147, 149 & 151, KING ST. E.

TORONTO
ONT

OUR
GEM
VEGETABLE
COLLECTION
FOR
1900.

(1) MUSK MELON, PAUL ROSE
IMPROVED. 10¢

(2) LETTUCE, SIMMERS' NON-PAREIL 5¢

(3) TOMATO, SIMMERS' CREEKSIDE
GLORY. 5¢

(4) BEET, SIMMERS' EXTRA EARLY 5¢

(5) CUCUMBER, SIMMERS' EMERALD 10¢
35¢

WE WILL SEND ONE PACKET
OF EACH OF THE ABOVE LIST
VALUE 35¢ for 25¢
POST PAID.

